



# NPI

New Products Industry

# SEMICONDUCTOR MATERIALS

The logo features the letters 'Sk' in a bold, white, sans-serif font, with 'Skolkovo' written in a smaller, white, sans-serif font directly below it. The entire logo is set against a solid yellow square background.

**Sk**  
Skolkovo

# INTRODUCTION

«NPI» specializes in development and production of organometallic and organosilicon compounds, mainly used in the production of semiconductors. The main technological direction is the manufacturing of precursors used in ALD, CVD processes which are the most common in modern chip production.

Additional directions of synthesized products usage:

- Isotope production, volatile metal compounds used as working bodies in gas centrifuge enrichment.
- Optical fiber production. High-purity compounds used as starting material in the manufacture of optical fiber waveguides.
- Structural materials. Metal compounds used in chemical deposition technologies for creation of impervious coatings.



# R&D

## The NPI Research Center

deals primarily with the development of precursors for chemical vapor deposition (CVD) and atomic layer deposition (ALD). We have around 40 highly qualified chemists in our laboratory who are ready to provide unique chemical synthesis according to the requirements.

## Unique experience

in expanding production from laboratory to industrial scale.

## NPI devotes a lot of resources to R&D direction

Thanks to dynamic research activities we maintain the consistently high level of chemical engineers' qualification. The list of compounds synthesized in the laboratory is being expanded and industrial synthesis and purification technologies are being improved regularly.

## Continuous improving of the quality system

using the most effective methods of analytical control, involving standards that meet the certification requirements of the industry can guarantee consistently high quality of products and services provided by the company.

## Synthesized

500 chemical compounds



# MANUFACTURING

NPI is focused on production of chemical compounds using a wide range of technologies, such as: methods of organic, inorganic, organometallic synthesis; operations with inert gas atmosphere; synthesis at low and high temperatures; reactions in liquid ammonia and organic solvents; using tribochemistry (ball and planetary mills); reactions under increased and decreased pressure.

Esteemed scientific consensus group from universities of Nizhny Novgorod and practical experience in industrial chemistry in Dzerzhinsk city allow us to use the full potential of our region. Our advantage is that we can build up the full production line from scientific research and laboratory samples to the production of semi-industrial series of chemical products. Collaborative activities with Dzerzhinsk chemical equipment manufacturers give us vast opportunities to manufacture non-series equipment for our projects in a short time.

Our specialists are qualified to manage with hazardous, flammable and explosive compounds; also with high purity (from 6N) substances, as well as to purify compounds to high degrees. For these purposes we use our own solutions in the field of rectification, such as: high and low temperature, usual and reduced pressure; sublimation purification, fractional distillation, fractional crystallization.



# QUALITY MANAGEMENT SYSTEM

Currently our specialists are analyzing the requirements of international standards in order to get the ISO certification in the field of design and development of methods of obtaining organometallic and organometallic compounds.

The company is also in process of preparing for certification in the area of design and manufacture of pilot production units and serial manufacturing.

We are already experienced in getting certification of QMS that meets the requirements of ISO 9001:2015 in the aviation sector, confirmed by a certificate of the Bureau of VERITAS.

**BUREAU VERITAS  
Certification**



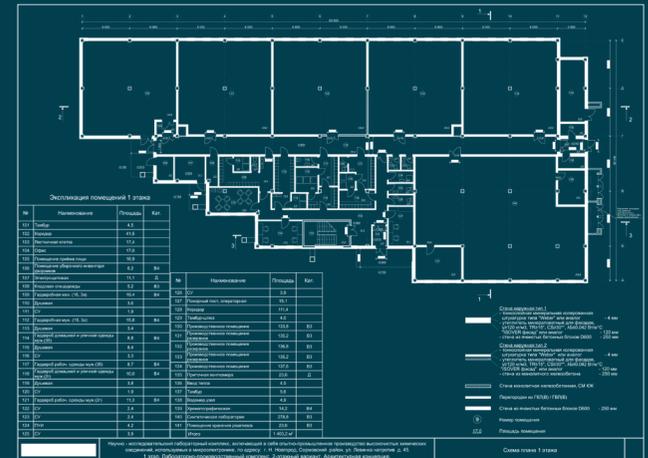
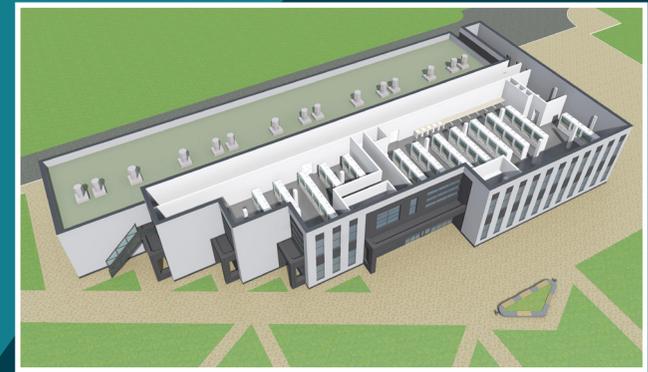
**ISO 9001:2015**

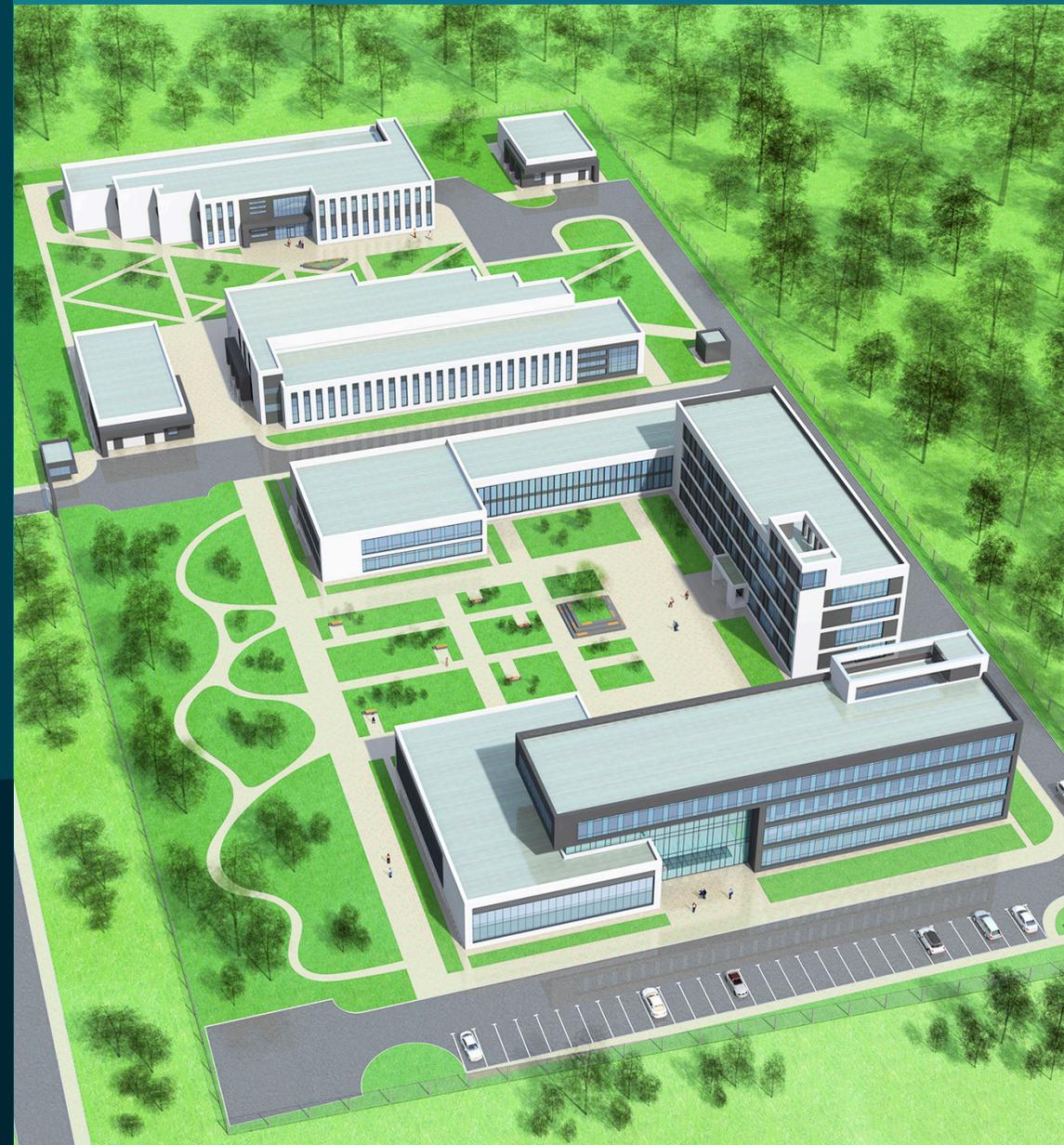
# FOR INVESTORS

As part of increasing scientific and industrial activity, «NPI» company is engaged in the construction of a laboratory-industrial complex of high-purity chemical compounds.

At the moment we implement the construction of the first building which takes 3000 m2. It is supposed to contain synthetic and R&D laboratories, five production blocks, consumer premises and separate warehousing complex. At this step we are already able to provide the complete technological cycle from the development of new materials to their industrial production.

What is more, the territory of the project can accommodate up to 15.000m2 of similar laboratory and production space.





# FOR INVESTORS

The complex will be located in Nizhny Novgorod, the city is admitted to be a capital of the chemical industry of Russia. The complex occupies the industrial zone on the outskirts of the city which makes it possible to attract employees from the best chemical scientific institutions.

The best research institutes and high schools in the field of chemistry, which are affiliated with the Russian Academy of Sciences, are concentrated in the city. Cooperating with them gives us access to the use of core research infrastructure centers, first of all analytical centers.

The company is a resident of the Skolkovo Innovation Fund, which allows to receive significant government support, including tax preferences.

There is a large amount of design organizations and manufacturers of unique chemical equipment which are concentrated in the region. This issue allows to create technological production lines with minimal financial and time expenses.

The presence of a strong chemical school in the region makes it possible to select employees with international-level qualifications at a wage rate significantly lower than in other countries. The complex will provide jobs for 300 chemical engineers.

# FOR INVESTORS

Comparatively low costs of infrastructure setup, availability of world-class technologies and highly qualified specialists, cheap energy resources and raw material base, as well as the tax-free status of the company - all these points extremely effect the cost of end products. Due these reasons the commercial offer is getting more competitive, the production - highly profitable, and the project itself is becoming attractive for investment.

For now we are looking for a strategic investor among large consumers and manufacturers of semiconductor materials, who have access to the market and are able to guarantee a stable sales of their products.

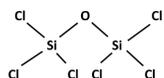
# PRIME COSTS

Construction of permanent facilities including external systems	m2	1000-1500\$
Average cost of technological equipment for laboratories	m2	1000-1500\$
Average cost of commercial manufacturing	m2	1000-1500\$
Chemists-engineer wages	monthly	1000-3000\$
Income tax	%	0
Employee income tax	%	14

# CATALOGUE

## HCDSO (99.999% - Si)

Trichloro (trichlorosilyloxy) silane



**CAS Number**

14986-21-1

**IUPAC Name**

Trichloro (trichlorosilyloxy) silane

**Molecular Formula**

C<sub>6</sub>O<sub>2</sub>Si<sub>2</sub>Cl<sub>6</sub>

**Average Mass**

284.89

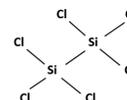
Bulk request available

Form	Liquid
Appearance	Colorless
Assay (Purity)	99.8
Boiling Point	137 °C
Sensitivity	Moisture, air
Signal	Danger
Pictograms	

Hexachlorodisiloxane, Trichloro (trichlorosilyloxy) silane

## HCDS (99.9999% - Si)

Hexachlorodisilane



**CAS Number**

13465-77-5

**IUPAC Name**

Hexachlorodisilane

**Molecular Formula**

Si<sub>2</sub>Cl<sub>6</sub>

**Average Mass**

268.89

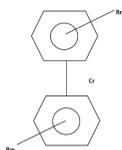
Bulk request available

Form	Liquid
Appearance	Colorless
Assay (Purity)	99.8
Boiling Point	144.5 °C
Sensitivity	Moisture
Signal	Danger
Pictograms	

Hexachlorodisilane, Si<sub>2</sub>Cl<sub>6</sub>, Disilicon hexachloride, Perchlorodisilane

## Bis(ethylbenzene)chromium

Bis(ethylbenzene)chromium (mixture of (C<sub>2</sub>H<sub>5</sub>)<sub>n</sub>C<sub>6</sub>H<sub>6-n</sub>, where n=0-4)



**CAS Number**

12212-68-9

**IUPAC Name**

Bis(ethylbenzene)chromium (mixture of (C<sub>2</sub>H<sub>5</sub>)<sub>n</sub>C<sub>6</sub>H<sub>6-n</sub>, where n=0-4)

**Molecular Formula**

[(C<sub>2</sub>H<sub>5</sub>)<sub>n</sub>C<sub>6</sub>H<sub>6-n</sub>]<sub>2</sub>Cr

**Average Mass**

264.33

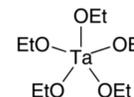
Bulk request available

Form	Liquid
Appearance	Dark brown
Assay (Purity)	97
Boiling Point	140-160°C/2 mm Hg
Sensitivity	Air
Signal	Danger
Pictograms	

Chromium,ethylbenzene, Bis(ethylbenzene)chromium [mixture of (C<sub>2</sub>H<sub>5</sub>)<sub>n</sub>C<sub>6</sub>H<sub>6-n</sub>, where n = 0-4]

## Ta[EtO]5

Tantalum(V) ethoxide



**CAS Number**

6074-84-6

**IUPAC Name**

Tantalum(V) ethoxide

**Molecular Formula**

C<sub>10</sub>H<sub>20</sub>O<sub>5</sub>Ta

**Average Mass**

406.26

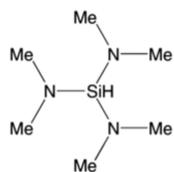
Bulk request available

Form	Liquid
Appearance	Colorless to yellow
Assay (Purity)	99
Boiling Point	145 °C/0.1 mm
Sensitivity	Moisture
Signal	Warning
Pictograms	

Tantalum(V) ethoxide, Ta(OC<sub>2</sub>H<sub>5</sub>)<sub>5</sub>, PET, Tantalum pentaethoxide, Tantalum(5+) pentaethanolate

## TDMAS (99.999% - Si)

N,N,N',N',N'',N''-Hexamethylsilanetriamine



**CAS Number**

15112-89-7

**IUPAC Name**

N,N,N',N',N'',N''-Hexamethylsilanetriamine

**Molecular Formula**

[(CH<sub>3</sub>)<sub>2</sub>N]<sub>3</sub>SiH

**Average Mass**

161.32

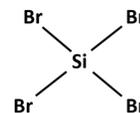
<b>Form</b>	Liquid
<b>Appearance</b>	Colorless to light yellow
<b>Assay (Purity)</b>	99.8
<b>Boiling Point</b>	145-148°C
<b>Sensitivity</b>	Moisture, air
<b>Signal</b>	Danger
<b>Pictograms</b>	

[Bulk request available / LAB requests](#)

[(CH<sub>3</sub>)<sub>2</sub>N]<sub>3</sub>SiH, Tris(dimethylamido)silane, N,N,N',N',N'',N''-Hexamethylsilanetriamine

## SiBr<sub>4</sub> (99.9999% - Si)

Tetrabromosilane



**CAS Number**

7789-66-4

**IUPAC Name**

Tetrabromosilane

**Molecular Formula**

SiBr<sub>4</sub>

**Average Mass**

347.7

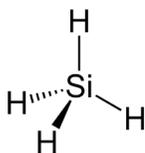
<b>Form</b>	Liquid
<b>Appearance</b>	Colorless
<b>Assay (Purity)</b>	99.9
<b>Boiling Point</b>	154 °C
<b>Sensitivity</b>	Moisture, light
<b>Signal</b>	Danger
<b>Pictograms</b>	

[Bulk request available](#)

Silicon tetrabromide, Tetrabromosilane, Silicon(IV) bromide

## <sup>28</sup>SiH<sub>4</sub> mono isotope (99,999% Si28)

Silane



**CAS Number**

7803-62-5

**IUPAC Name**

Silane

**Molecular Formula**

SiH<sub>4</sub>

**Average Mass**

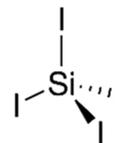
32.01

<b>Form</b>	Gas
<b>Appearance</b>	Colorless
<b>Assay (Purity)</b>	99
<b>Boiling Point</b>	-112.0°C
<b>Sensitivity</b>	Moisture, air
<b>Signal</b>	Danger
<b>Pictograms</b>	

Monosilane, silicane, silicon tetrahydride

## SiI<sub>4</sub> (99.999% - Si)

Silicon tetraiodide



**CAS Number**

13465-84-4

**IUPAC Name**

Silicon tetraiodide

**Molecular Formula**

I<sub>4</sub>Si

**Average Mass**

535.7

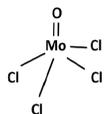
<b>Form</b>	Powder
<b>Appearance</b>	Off-white
<b>Assay (Purity)</b>	99
<b>Boiling Point</b>	287.5°C
<b>Sensitivity</b>	Moisture, light
<b>Signal</b>	Danger
<b>Pictograms</b>	

[Bulk request available](#)

Silicon(IV) iodide, silicon tetraiodide, tetraiodosilane

## MoOCl<sub>4</sub>

Molybdenum(VI) tetrachloride oxide


**CAS Number**

13814-75-0

**IUPAC Name**

Molybdenum(VI) tetrachloride oxide

**Molecular Formula**

MoOCl<sub>4</sub>

**Average Mass**

253.78

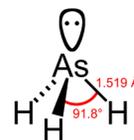
[Bulk request available](#)

Form	Solid
Appearance	Green
Assay (Purity)	99
Boiling Point	-
Sensitivity	Moisture, air
Signal	Danger
Pictograms	

Molybdenum(VI) tetrachloride oxide, molybdenium(VI) oxotetrachloride, tetrachloridooxidomolybdenum(VI), Tetrachloro(oxo)molybdenum

## AsH<sub>3</sub>

Arsine


**CAS Number**

127323-69-7

**IUPAC Name**

Arsine

**Molecular Formula**

AsH<sub>3</sub>

**Average Mass**

77.95

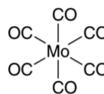
[Bulk request available](#)

Form	Gas
Appearance	Colorless
Assay (Purity)	99
Boiling Point	-62.5
Sensitivity	Moisture, air
Signal	Danger
Pictograms	

Arsoniumyl, Arsenic trihydride(1+), Arsine, Radical ion(1+), Arsine(1+)

## Mo(CO)<sub>6</sub>

Molybdenum hexacarbonyl


**CAS Number**

13939-06-5

**IUPAC Name**

Molybdenum hexacarbonyl

**Molecular Formula**

C<sub>6</sub>MoO<sub>6</sub>

**Average Mass**

264.01

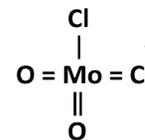
[Bulk request available](#)

Form	Solid
Appearance	White
Assay (Purity)	99
Boiling Point	156 °C
Sensitivity	None
Signal	Danger
Pictograms	

Carbon monooxide - molybdenum (6.1), Hexacarbonylmolybdenum, Molybdenumhexacarbonyl

## MoO<sub>2</sub>Cl<sub>2</sub>

Molybdenum(VI) dichloride dioxide


**CAS Number**

13637-68-8

**IUPAC Name**

Molybdenum(VI) dichloride dioxide

**Molecular Formula**

MoO<sub>2</sub>Cl<sub>2</sub>

**Average Mass**

198.84

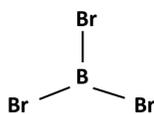
[Bulk request available](#)

Form	Solid
Appearance	Yellow-Orange
Assay (Purity)	99
Boiling Point	-
Sensitivity	Moisture
Signal	Danger
Pictograms	

Dichlorodioxomolybdenum, Molybdenum dichloride dioxide

## BBr<sub>3</sub> (99.9999% - B)

Tribromoborane



**CAS Number**

10294-33-4

**IUPAC Name**

Tribromoborane

**Molecular Formula**

BBr<sub>3</sub>

**Average Mass**

250.52

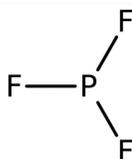
[Bulk request available](#)

<b>Form</b>	Liquid
<b>Appearance</b>	Colorless to yellowish
<b>Assay (Purity)</b>	99
<b>Boiling Point</b>	91 °C
<b>Sensitivity</b>	Moisture, light
<b>Signal</b>	Danger
<b>Pictograms</b>	

Boron tribromide, Tribromoborane, Boron bromide

## PF<sub>3</sub>

Phosphorous trifluoride



**CAS Number**

7783-55-3

**IUPAC Name**

Phosphorous trifluoride

**Molecular Formula**

PF<sub>3</sub>

**Average Mass**

87.97

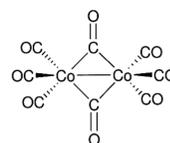
[Bulk request available](#)

<b>Form</b>	Gas
<b>Appearance</b>	Colorless
<b>Assay (Purity)</b>	99
<b>Boiling Point</b>	-101.8 °C
<b>Sensitivity</b>	Moisture
<b>Signal</b>	Danger
<b>Pictograms</b>	

Trifluorophosphin, Phosphorous fluoride, Phosphorus trifluoride, trifluorophosphane.

## Co<sub>2</sub>(CO)<sub>8</sub> (stabilized with 3-5% hexanes)

Dicobalt octacarbonyl



**CAS Number**

10210-68-1

**IUPAC Name**

Dicobalt octacarbonyl

**Molecular Formula**

C<sub>8</sub>Co<sub>2</sub>O<sub>8</sub>

**Average Mass**

341.95

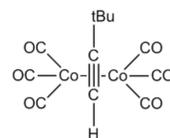
[Bulk request available](#)

<b>Form</b>	Solid
<b>Appearance</b>	Dark-orange
<b>Assay (Purity)</b>	98
<b>Boiling Point</b>	52°C
<b>Sensitivity</b>	Air, store cold
<b>Signal</b>	Danger
<b>Pictograms</b>	

Dicobalt octacarbonyl, Carbon monoxide - cobalt (4:1), di-Cobalt octacarbonyl

## CCTBA

3,3-Dimethyl-1-butyne)dicobalt hexacarbonyl



**CAS Number**

56792-69-9

**IUPAC Name**

3,3-Dimethyl-1-butyne)dicobalt hexacarbonyl

**Molecular Formula**

C<sub>12</sub>H<sub>10</sub>Co<sub>2</sub>O<sub>6</sub>

**Average Mass**

368.07

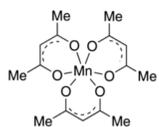
[Bulk request available](#)

<b>Form</b>	Liquid
<b>Appearance</b>	Dark red
<b>Assay (Purity)</b>	99
<b>Boiling Point</b>	52 °C/0.83 mm Hg
<b>Sensitivity</b>	Air
<b>Signal</b>	Danger
<b>Pictograms</b>	

Dicobalt Hexacarbonyl Tert-ButylAcetylene, 3,3-Dimethyl-1-butyne)dicobalt hexacarbonyl, Co<sub>2</sub>(CO)<sub>6</sub>[HC=C(C(CH<sub>3</sub>)<sub>3</sub>)]

## (Acac)3Mn

Manganese(III) acetylacetonate



**CAS Number**  
14284-89-0

**IUPAC Name**  
Manganese(III) acetylacetonate

**Molecular Formula**  
[Mn(C5H7O2)3]

**Average Mass**  
35217

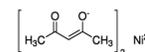
[Bulk request available](#)

Manganese(III) acetylacetonate, Manganese(III) 2,4-pentanedionate, Tris acetylacetonato manganese (III), Manganese(3+) tris[(2Z)-4-oxo-2-penten-2-olate]

Form	Solid
Appearance	Black powder or crystals
Assay (Purity)	98
Boiling Point	-
Sensitivity	Moisture
Signal	Warning
Pictograms	

## (Acac)2Ni

Nickel(II) acetylacetonate



**CAS Number**  
3264-82-2

**IUPAC Name**  
Nickel(II) acetylacetonate

**Molecular Formula**  
Ni(C5H7O2)2

**Average Mass**  
256.91

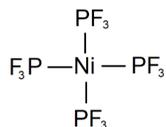
[Bulk request available](#)

Acetylacetonato nickel, Nickel acetylacetonate, Nickel acetonylacetonate, Bis(acetylacetonato)nickel, Nickel(2+) bis[(2Z)-4-oxo-2-penten-2-olate]

Form	Solid
Appearance	Light green powder or crystals
Assay (Purity)	98
Boiling Point	220°C
Sensitivity	Moisture
Signal	Danger
Pictograms	

## Ni(PF3)4

Nickel tetrafluorophosphate



**CAS Number**  
13859-65-9

**IUPAC Name**  
Nickel tetrafluorophosphate

**Molecular Formula**  
Ni(PF3)4

**Average Mass**  
410.57

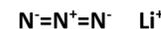
[Bulk request available](#)

Phosphorous trifluoride - nickel (4:1), Tetrakis(trifluorophosphine)nickel, Ni(PF3)4

Form	Liquid
Appearance	Colorless
Assay (Purity)	99
Boiling Point	70.6°C
Sensitivity	Moisture
Signal	Danger
Pictograms	

## LiN3 (20% in H2O)

Lithium azide



**CAS Number**  
19597-69-4

**IUPAC Name**  
Lithium azide

**Molecular Formula**  
LiN3

**Average Mass**  
48.96

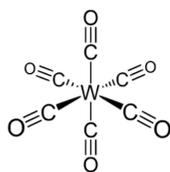
[Bulk request available](#)

Lithium triazide, Lithium azide

Form	Liquid
Appearance	Colorless
Assay (Purity)	99
Boiling Point	103°C
Sensitivity	Heat
Signal	Danger
Pictograms	

## W(CO)<sub>6</sub> (< 0.1% Mo)

Carbon monoxide - tungsten (6:1)



**CAS Number**

14040-11-0

**IUPAC Name**

Carbon monoxide - tungsten (6:1)

**Molecular Formula**

W(CO)<sub>6</sub>

**Average Mass**

351.92

Bulk request available

<b>Form</b>	Solid
<b>Appearance</b>	White
<b>Assay (Purity)</b>	99
<b>Boiling Point</b>	-
<b>Sensitivity</b>	Air, heat (decomposes at 200°C)
<b>Signal</b>	Warning
<b>Pictograms</b>	

Carbon monoxide - tungsten (6:1), Hexacarbonyl tungsten, Tungsten carbonyl

## TDMAT

Titanium(IV) tetrakis (dimethylazanide)



**CAS Number**

3275-24-9

**IUPAC Name**

Titanium(IV) tetrakis (dimethylazanide)

**Molecular Formula**

C<sub>8</sub>H<sub>24</sub>N<sub>4</sub>Ti

**Average Mass**

224.15

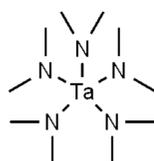
Bulk request available

<b>Form</b>	Liquid
<b>Appearance</b>	Yellow to orange
<b>Assay (Purity)</b>	99
<b>Boiling Point</b>	50 °C/0.5 mm Hg
<b>Sensitivity</b>	Moisture, air
<b>Signal</b>	Danger
<b>Pictograms</b>	

Titanium(IV) tetrakis(dimethylazanide), Tetrakis(dimethylamido)titanium(IV), Ti [N(CH<sub>3</sub>)<sub>2</sub>]<sub>4</sub>

## PDMAT

Pentakis-(dimethylamino)-tantalum(V)



**CAS Number**

19824-59-0

**IUPAC Name**

Pentakis-(dimethylamino)-tantalum(V)

**Molecular Formula**

C<sub>10</sub>H<sub>30</sub>N<sub>5</sub>Ta

**Average Mass**

401.33

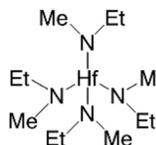
LAB requests

<b>Form</b>	Solid
<b>Appearance</b>	Orange
<b>Assay (Purity)</b>	99
<b>Boiling Point</b>	100°C/1 mm Hg
<b>Sensitivity</b>	Moisture
<b>Signal</b>	Danger
<b>Pictograms</b>	

(Tantalum(V) pentakis (dimethylazanide), Tantalum dimethylamide, TADMA, Ta(NMe<sub>2</sub>)<sub>5</sub>)

## TEMAH

Hafnium tetrakis[ethyl(methyl)azanide]



**CAS Number**

352535-01-4

**IUPAC Name**

Hafnium tetrakis[ethyl(methyl)azanide]

**Molecular Formula**

C<sub>12</sub>H<sub>32</sub>HfN<sub>4</sub>

**Average Mass**

410.9

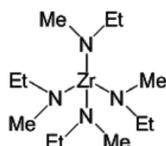
LAB requests

<b>Form</b>	Liquid
<b>Appearance</b>	Colorless to yellow
<b>Assay (Purity)</b>	99
<b>Boiling Point</b>	79 °C/0.1 mm
<b>Sensitivity</b>	Moisture
<b>Signal</b>	Danger
<b>Pictograms</b>	

Tetrakis(ethylmethylamido)hafnium(IV), Hafnium tetrakis[ethyl(methyl)azanide]

## TEMAZ

Tetrakis(ethylmethylamino)zirconium(IV)



**CAS Number**

175923-04-3

**IUPAC Name**

Tetrakis(ethylmethylamino)zirconium(IV)

**Molecular Formula**

C<sub>12</sub>H<sub>32</sub>N<sub>4</sub>Zr

**Average Mass**

323.63

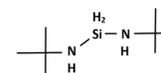
[LAB requests](#)

Form	Liquid
Appearance	Light yellow
Assay (Purity)	98
Boiling Point	81 °C / 0.1 mm Hg
Sensitivity	Moisture
Signal	Danger
Pictograms	

Tetrakis(ethylmethylamino)zirconium(IV), Zirconium(IV) tetrakis[ethyl(methyl)azanide], Zr[N(CH<sub>3</sub>)(CH<sub>2</sub>CH<sub>3</sub>)<sub>2</sub>]<sub>4</sub>

## BTBAS (99.999% - Si)

Bis(t-butylamino)silane



**CAS Number**

186598-40-3

**IUPAC Name**

Bis(t-butylamino)silane

**Molecular Formula**

C<sub>8</sub>H<sub>22</sub>N<sub>2</sub>Si

**Average Mass**

174.36

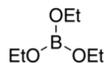
[LAB requests](#)

Form	Liquid
Appearance	Colorless
Assay (Purity)	99.8
Boiling Point	167 °C
Sensitivity	Moisture
Signal	Danger
Pictograms	

N,N' - bis (1,1-dimethylethyl) - , bis (tert-butylamino) silicon, Di(t-butylamino)silan

## TEB

Triethyl borate



**CAS Number**

150-46-9

**IUPAC Name**

Triethyl borate

**Molecular Formula**

C<sub>6</sub>H<sub>15</sub>BO<sub>3</sub>

**Average Mass**

146

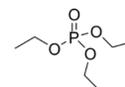
[LAB requests](#)

Form	Liquid
Appearance	Colorless
Assay (Purity)	99
Boiling Point	117.4°C
Sensitivity	Moisture
Signal	Danger
Pictograms	

Triethyl borate, Boron trioxide, triethoxyborane, B(OC<sub>2</sub>H<sub>5</sub>)<sub>3</sub>

## TEPO

Triethyl phosphate



**CAS Number**

78-40-0

**IUPAC Name**

Triethyl phosphate

**Molecular Formula**

C<sub>6</sub>H<sub>15</sub>O<sub>4</sub>P

**Average Mass**

182.15

[LAB requests](#)

Form	Liquid
Appearance	Colorless
Assay (Purity)	98
Boiling Point	215 °C
Sensitivity	Moisture
Signal	Warning
Pictograms	

Triethoxyphosphine oxide, Tris(ethyl) phosphate, ((C<sub>2</sub>H<sub>5</sub>O)<sub>3</sub>PO



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