

1344-54-3(Titanium(III) oxide) Product Description



1344-54-3

CAS No.	1344-54-3
Chemical Name:	Titanium(III) oxide
CBNumber:	CB5406982
Molecular Formula:	O3Ti2
Formula Weight:	143.73
MOL File:	Mol file

Titanium(III) oxide Synonyms:

[dititanium trioxide](#)

[TITANIUM OXIDE \(III\), 99%](#)

[Titanium\(III\) oxide, #100 mesh, 99.9% metals basis](#)

[TITANIUM\(III\) OXIDE: 99.9%, TABLETS](#)

[Titanium yellow \(C.I. 77893\)](#)

[Titanium\(III\)Oxide](#)

[keto\(ketotitaniooxy\)titanium](#)

[oxo\(oxotitaniooxy\)titanium](#)

Titanium(III) oxide Property

Melting point:	2130°C
Density	4.49 g/mL at 25 °C(lit.)
solubility	soluble in hot HF
form	Powder
Specific Gravity	4.6
color	black hexagonal, hexane crystals, crystalline
Water Solubility	Insoluble in water.
Crystal Structure	Trigonal
crystal system	Three sides
Space group	R3c

Lattice constant	a/nm	b/nm	c/nm	α /o	β /o	γ /o	V/nm ³
	0.5149	0.5149	1.3642	90	90	120	0.3132

Dielectric constant	110.0 (Ambient)
CAS DataBase Reference	1344-54-3(CAS DataBase Reference)
NIST Chemistry Reference	Dititanium trioxide(1344-54-3)
EPA Substance Registry System	Titanium oxide (Ti2O3) (1344-54-3)

Safety

WGK Germany :	3
TSCA :	Yes
HS Code :	28230000

MSDS

Titanium(III) oxide MSDS	Titanium(III) oxide
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Titanium(III) oxide Suppliers

Global(140)Suppliers China 118

Supplier	Tel	Email	Country	ProdL
Wuhan lanabai Pharmaceutical Chemical Co., Ltd		2355680@qq.com	China	5807
Santa Cruz Biotechnology Inc		scbt@scbt.com	China	22206
Shanghai Macklin Biochemical Co.,Ltd.		shenlinxing@macklin.cn	China	1587
Shengbaolai Biotechnology Co., Ltd	86-027-59105235	shengblai@126.com	China	488
Shanghai Haohong Pharmaceutical Co., Ltd.	400-8210725	malulu@leyan.com	China	2498
Merck KGaA	21-20338288	ordercn@merckgroup.com	China	29239
Hebei Mujin Biotechnology Co.,Ltd		angelia@hbmojin.com	China	744
XIAMEN AMITY INDUSTRY AND TRADE CO., LTD.		ellena@amitychem.com	China	4341

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