

Titanium(IV) isopropoxide

Other names:	2-Propanol, titanium(4+) salt
	A 1 (titanate)
	Isopropyl alcohol titanium(4+) salt
	Isopropyl orthotitanate
	Isopropyl titanate (IV)
	Isopropyl titanate(IV) ((C ₃ H ₇ O) ₄ Ti)
	Orgatix TA 10
	Tetraisopropanolatotitanium
	Tetraisopropoxide titanium
	Tetraisopropoxytitanium
	Tetraisopropoxytitanium(IV)
	Tetrakis(isopropoxy)titanium
	Ti Isopropylate
	Titanic acid isopropyl ester
	Titanium isopropoxide
	Titanium isopropoxide (Ti(OC ₃ H ₇) ₄)
	Titanium isopropylate
	Titanium tetra-n-propoxide
	Titanium tetraisopropylate
	Titanium tetrakis(isopropoxide)
	Titanium(4+) isopropoxide
	Titanium(IV) i-propoxide
	Titanium, tetrakis(1-methylethoxy)-
	Titanium, tetrakis(isopropoxy)-
	Tyzor TPT
	tetra-iso-Propyl orthotitanate
	tetra-iso-Propyl titanate
	tetraisopropyl titanate
	titanium tetraisopropoxide
	titanium tetraisopropanolate
	titanium(IV) 2-propanolate
Inchi:	InChI=1S/4C ₃ H ₇ O.Ti/c4*1-3(2)4;/h4*3H,1-2H3;/q4*-1;+4
InchiKey:	VXUYXOFXAQZZMF-UHFFFAOYSA-N
Formula:	C ₁₂ H ₂₈ O ₄ Ti
SMILES:	CC(C)[O-].CC(C)[O-].CC(C)[O-].CC(C)[O-].[Ti]
Mol. weight [g/mol]:	284.21
CAS:	546-68-9

Physical Properties

Property code	Value	Unit	Source
pc	1140.00	kPa	Critical properties of some tetraalkoxysilanes and tetraalkoxytitaniums with branched alkyl radicals

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	62.30	kJ/mol	397.50	NIST Webbook

Sources

Critical properties of some tetraalkoxysilanes and tetraalkoxytitaniums with branched alkyl radicals:
NIST Webbook

<https://www.doi.org/10.1016/j.fluid.2012.06.017>

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C546689&Units=SI>

Legend

hvapt: Enthalpy of vaporization at a given temperature
pc: Critical Pressure

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