

Silane, trimethoxypropyl-

Other names:	Propyltrimethoxysilane Trimethoxypropylsilane n-Propyltrimethoxysilane CP0810 Dynasylan PTMO
Inchi:	InChI=1S/C6H16O3Si/c1-5-6-10(7-2,8-3)9-4/h5-6H2,1-4H3
InchiKey:	HQYALQRYBUJWDH-UHFFFAOYSA-N
Formula:	C6H16O3Si
SMILES:	CCC[Si](OC)(OC)OC
Mol. weight [g/mol]:	164.27
CAS:	1067-25-0

Physical Properties

Property code	Value	Unit	Source
log10ws	1.19		Crippen Method
logp	1.275		Crippen Method
rinpol	805.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1067250&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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<https://www.chemeo.com/cid/96-794-5/Silane-trimethoxypropyl.pdf>

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