

Silane, (2,7-naphthylenedioxy)bis[trimethyl-

Other names:	Silane, (2,7-naphthylenedioxy)bis*trimethyl- 2,7-Dihydroxynaphthalene, 2tms derivative
Inchi:	InChI=1S/C16H24O2Si2/c1-19(2,3)17-15-9-7-13-8-10-16(12-14(13)11-15)18-20(4,5)6/h7
InchiKey:	VEPWWQFCCQBIMD-UHFFFAOYSA-N
Formula:	C16H24O2Si2
SMILES:	C[Si](C)(C)Oc1ccc2ccc(O[Si](C)(C)C)cc2c1
Mol. weight [g/mol]:	304.53
CAS:	1226-72-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.29		Crippen Method
logp	5.267		Crippen Method
rinpol	1892.00		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=C1226728&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/20-719-1/Silane-2-7-naphthylenedioxy-bis-trimethyl.pdf>

Generated by Cheméo on 2024-04-25 21:27:42.133258035 +0000 UTC m=+16369711.053835347.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.