

Bis(heptyloxy)(dimethyl)silane

Other names: Silane, dimethyl, diheptyloxy
Diheptyloxydimethylsilane

Inchi: InChI=1S/C16H36O2Si/c1-5-7-9-11-13-15-17-19(3,4)18-16-14-12-10-8-6-2/h5-16H2,1-4H1

InchiKey: FZQWBQHLIFLIHV-UHFFFAOYSA-N

Formula: C16H36O2Si

SMILES: CCCCCCO[Si](C)(C)OCCCCCCC

Mol. weight [g/mol]: 288.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.33		Crippen Method
logp	5.662		Crippen Method
rinpol	1644.10		NIST Webbook
rinpol	1644.10		NIST Webbook
rinpol	1587.00		NIST Webbook
rinpol	1644.10		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U334093&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/38-636-4/Bis-heptyloxy-dimethyl-silane.pdf>

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