

Silane, dimethyl dipentyl

Inchi: InChI=1S/C12H28Si/c1-5-7-9-11-13(3,4)12-10-8-6-2/h5-12H2,1-4H3
InchiKey: NREPRIAVJUYV-FV-UHFFFAOYSA-N
Formula: C12H28Si
SMILES: CCCCC[Si](C)(C)CCCCC
Mol. weight [g/mol]: 200.44

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.31		Crippen Method
logp	5.075		Crippen Method
rinpol	1189.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R1002&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.cheméo.com/cid/44-079-6/Silane-dimethyl-dipentyl.pdf>

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