

Pentyloxypropyloxydimethylsilane

Inchi: InChI=1S/C10H24O2Si/c1-5-7-8-10-12-13(3,4)11-9-6-2/h5-10H2,1-4H3
InchiKey: CKQSHTRLRPKXDH-UHFFFAOYSA-N
Formula: C10H24O2Si
SMILES: CCCCCO[Si](C)(C)OCCC
Mol. weight [g/mol]: 204.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.82		Crippen Method
logp	3.322		Crippen Method
rinpol	1027.00		NIST Webbook
rinpol	1027.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R160757&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/93-297-0/Pentyloxypropyloxydimethylsilane.pdf>

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