

Diethoxypentyloxymethylsilane

Inchi: InChI=1S/C10H24O3Si/c1-5-8-9-10-13-14(4,11-6-2)12-7-3/h5-10H2,1-4H3
InchiKey: DXBSNSFSXFRIDN-UHFFFAOYSA-N
Formula: C10H24O3Si
SMILES: CCCCCO[Si](C)(OCC)OCC
Mol. weight [g/mol]: 220.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.49		Crippen Method
logp	2.835		Crippen Method
rinpol	1035.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R160524&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
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/17-125-4/Diethoxypentyloxymethylsilane.pdf>

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