

Silane, diethoxy-, dibutyloxy-

Inchi: InChI=1S/C12H28O4Si/c1-5-9-11-15-17(13-7-3,14-8-4)16-12-10-6-2/h5-12H2,1-4H3
InchiKey: PQXURBRJSIVVTH-UHFFFAOYSA-N
Formula: C12H28O4Si
SMILES: CCCCOSi(OCC)(OCC)OCCCC
Mol. weight [g/mol]: 264.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.99		Crippen Method
logp	3.128		Crippen Method
rinpol	1179.00		NIST Webbook
rinpol	1177.50		NIST Webbook
rinpol	1179.00		NIST Webbook
rinpol	1179.00		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=R138235&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/91-169-4/Silane-diethoxy-dibutyloxy.pdf>

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