

Silane, dimethoxy-, dibutyloxy-

Inchi: InChI=1S/C10H24O4Si/c1-5-7-9-13-15(11-3,12-4)14-10-8-6-2/h5-10H2,1-4H3
InchiKey: DKXKWUWRJAEPGM-UHFFFAOYSA-N
Formula: C10H24O4Si
SMILES: CCCCCO[Si](OC)(OC)OCCCC
Mol. weight [g/mol]: 236.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.15		Crippen Method
logp	2.348		Crippen Method
rinpol	1110.00		NIST Webbook
rinpol	1110.00		NIST Webbook
rinpol	1113.70		NIST Webbook
rinpol	1110.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R138255&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/83-429-4/Silane-dimethoxy-dibutyloxy.pdf>

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