

Silane, dimethyl(dimethylisobutoxysilyloxy)butoxy-

Inchi: InChI=1S/C12H30O3Si2/c1-8-9-10-13-16(4,5)15-17(6,7)14-11-12(2)3/h12H,8-11H2,1-7H
InchiKey: ZOIBBKVLHKHXJB-UHFFFAOYSA-N
Formula: C12H30O3Si2
SMILES: CCCCOSi(C)(C)OSi(C)(C)OCC(C)C
Mol. weight [g/mol]: 278.54

Physical Properties

Property code	Value	Unit	Source
log10ws	0.87		Crippen Method
logp	3.896		Crippen Method
rinpol	1216.00		NIST Webbook
rinpol	1216.00		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=U346758&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/26-486-4/Silane-dimethyl-dimethylisobutoxysilyloxy-butoxy.pdf>

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