

Silane, dimethylisobutoxyoctadecyloxy-

Inchi: InChI=1S/C24H52O2Si/c1-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-25-27(4,5)2
InchiKey: NGJRRQRKJUKJQW-UHFFFAOYSA-N
Formula: C24H52O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](C)(C)OCC(C)C
Mol. weight [g/mol]: 400.75

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.43		Crippen Method
logp	8.639		Crippen Method
rinpol	2397.00		NIST Webbook
rinpol	2397.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346777&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/95-516-4/Silane-dimethylisobutoxyoctadecyloxy.pdf>

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