

Silane, dimethyloctyloxypentadecyloxy-

Inchi: InChI=1S/C25H54O2Si/c1-5-7-9-11-13-14-15-16-17-18-19-21-23-25-27-28(3,4)26-24-22
InchiKey: AXMPBHFDKDSLJB-UHFFFAOYSA-N
Formula: C25H54O2Si
SMILES: CCCCCCCCCCCCCCO[Si](C)(C)OCCCCCCCC
Mol. weight [g/mol]: 414.78

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.09		Crippen Method
logp	9.173		Crippen Method
rinpol	2518.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346752&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/67-443-6/Silane-dimethyloctyloxypentadecyloxy.pdf>

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