

Silane, dimethyl(pentafluorobenzyloxy)tetradecyloxy-

Inchi: InChI=1S/C23H37F5O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-29-31(2,3)30-17-18-19(2,3)
InchiKey: VBPWTVXMBVBBNE-UHFFFAOYSA-N
Formula: C23H37F5O2Si
SMILES: CCCCCCCCCCCCCO[Si](C)(C)OCc1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]: 468.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.51		Crippen Method
logp	8.318		Crippen Method
rinpol	2300.00		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=U347270&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/35-396-4/Silane-dimethyl-pentafluorobenzyloxy-tetradecyloxy.pdf>

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