

Silane, dimethyl(pentafluorobenzyloxy)tridecyloxy-

Inchi: InChI=1S/C22H35F5O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-28-30(2,3)29-16-17-18(23)2
InchiKey: BXCOPQYRRZZPTO-UHFFFAOYSA-N
Formula: C22H35F5O2Si
SMILES: CCCCCCCCCCCCCO[Si](C)(C)OCc1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]: 454.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.10		Crippen Method
logp	7.928		Crippen Method
rinsol	2204.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347269&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
rinsol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/113-952-9/Silane-dimethyl-pentafluorobenzyloxy-tridecyloxy.pdf>

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