

Silane, diethylbutoxy(pentafluorobenzyloxy)-

Inchi: InChI=1S/C15H21F5O2Si/c1-4-7-8-21-23(5-2,6-3)22-9-10-11(16)13(18)15(20)14(19)12(1)
InchiKey: GKPWAMPEMDTKGO-UHFFFAOYSA-N
Formula: C15H21F5O2Si
SMILES: CCCCCO[Si](CC)(CC)OCc1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]: 356.40

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.17		Crippen Method
logp	5.197		Crippen Method
rinpol	1540.00		NIST Webbook
rinpol	1540.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363221&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/16-476-6/Silane-diethylbutoxy-pentafluorobenzyloxy.pdf>

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