

Silane, diphenylheptyloxy(2,2,3,4,4,4-hexafluorobutoxy)-

Inchi: InChI=1S/C23H28F6O2Si/c1-2-3-4-5-12-17-30-32(19-13-8-6-9-14-19,20-15-10-7-11-16-21)/1H,2H,3H,4H,5H,12H,17H,30H,32H
InchiKey: UIHGBGCCHPYQK-UHFFFAOYSA-N
Formula: C₂₃H₂₈F₆O₂Si
SMILES: CCCCCCO[Si](OCC(F)(F)C(F)C(F)(F)F)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 478.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.36		Crippen Method
logp	5.782		Crippen Method
rinpol	2117.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368171&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/33-391-1/Silane-diphenylheptyloxy-2-2-3-4-4-4-hexafluorobutoxy.pdf>

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