

Silane, diphenylhexyloxy(1,1,1-trifluoro-3-bromoprop-2-yloxy)

Inchi: InChI=1S/C21H26BrF3O2Si/c1-2-3-4-11-16-26-28(18-12-7-5-8-13-18,19-14-9-6-10-15-16)/1-2
InchiKey: VRVTYLZGKQAEQG-UHFFFAOYSA-N
Formula: C₂₁H₂₆BrF₃O₂Si
SMILES: CCCCCCO[Si](OC(CBr)C(F)(F)F)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 475.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.79		Crippen Method
logp	5.182		Crippen Method
rinpol	2245.00		NIST Webbook
rinpol	2245.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368084&Units=SI>

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/114-161-6/Silane-diphenylhexyloxy-1-1-1-trifluoro-3-bromoprop-2-yloxy.pdf>

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