

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

Inchi: InChI=1S/C20H24BrF3O2Si/c1-2-3-10-15-25-27(17-11-6-4-7-12-17,18-13-8-5-9-14-18)2
InchiKey: DNLFCXPXYFRHQ-UHFFFAOYSA-N
Formula: C20H24BrF3O2Si
SMILES: CCCCCO[Si](OC(CBr)C(F)(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 461.39

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.37		Crippen Method
logp	4.792		Crippen Method
rinpol	2152.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368082&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

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