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

Inchi: InChI=1S/C18H16Br2F6O2Si/c19-11-15(17(21,22)23)27-29(13-7-3-1-4-8-13,14-9-5-2-6-1

InchiKey: SLDCQKYVVXSIEH-UHFFFAOYSA-N

Formula: C18H16Br2F6O2Si

SMILES: FC(F)(F)C(CBr)O[Si](OC(CBr)C(F)(F)F)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 566.20

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.74		Crippen Method
logp	4.928		Crippen Method
rinpol	2097.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U368087&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