1-Bromo-3-fluoro-6-pentafluorophenyldimethylsil

Inchi: InChI=1S/C14H9BrF6OSi/c1-23(2,22-8-4-3-6(16)5-7(8)15)14-12(20)10(18)9(17)11(19)13

InchiKey: WEIHSFLKXUILSQ-UHFFFAOYSA-N

Formula: C14H9BrF6OSi

SMILES: C[Si](C)(Oc1ccc(F)cc1Br)c1c(F)c(F)c(F)c(F)c1F

Mol. weight [g/mol]: 415.20

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.81		Crippen Method
logp	4.775		Crippen Method
rinpol	1708.00		NIST Webbook
rinpol	1708.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U299105&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/51-369-6/1-Bromo-3-fluoro-6-pentafluorophenyldimethylsilyloxybenzene.pdf
Generated by Cheméo on 2024-04-23 18:06:26.440390426 +0000 UTC m=+16184835.360967748.
Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.