Trifluoroacetamide, dimethyl-tert-butylsilyl

Inchi: InChI=1S/C8H16F3NOSi/c1-7(2,3)14(4,5)12-6(13)8(9,10)11/h1-5H3,(H,12,13)
InchiKey: PIJWXSSJROBBTA-UHFFFAOYSA-N
Formula: C8H16F3NOSi
SMILES: CC(C)(C)[Si](C)(C)NC(=O)C(F)(F)F
Mol. weight [g/mol]: 227.30

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.85		Crippen Method
logp	2.670		Crippen Method
rinpol	996.00		NIST Webbook
rinpol	996.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R333247&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices