Heptafluorobutanamide, N-methyl-N-trimethylsilyl

Inchi: InChI=1S/C8H12F7NOSi/c1-16(18(2,3)4)5(17)6(9,10)7(11,12)8(13,14)15/h1-4H3
InchiKey: CMXKINNDZCNCEI-UHFFFAOYSA-N
Formula: C8H12F7NOSi
SMILES: CN(C(=O)C(F)(F)C(F)(F)C(F)(F)F)[Si](C)(C)C
Mol. weight [g/mol]: 299.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.86		Crippen Method
logp	3.113		Crippen Method
rinpol	906.00		NIST Webbook
rinpol	906.00		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=R333207&Units=SI

Legend

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