Propanamide, N-DMTBS

Inchi: InChI=1S/C9H21NOSi/c1-7-8(11)10-12(5,6)9(2,3)4/h7H2,1-6H3,(H,10,11)
InchiKey: YFRZHYHGNFPSGH-UHFFFAOYSA-N
Formula: C9H21NOSi
SMILES: CCC(=O)N[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 187.35

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.61		Crippen Method
logp	2.518		Crippen Method
rinpol	1182.00		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=R65865&Units=SI

Legend

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