N-tert-Butyldimethylsilyl-2-ethylbutan-1-amine

Other names: 2-Ethylbutan-1-amine, mono-DMTBS
Inchi: InChI=1S/C12H29NSi/c1-8-11(9-2)10-13-14(6,7)12(3,4)5/h11,13H,8-10H2,1-7H3
InchiKey: BWRGDVREOUTNMW-UHFFFAOYSA-N
Formula: C12H29NSi
SMILES: CCC(CC)CN[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 215.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.84		Crippen Method
logp	4.017		Crippen Method
rinpol	1217.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U373159&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