

1-Butanamine, mono-DMTBS

Inchi: InChI=1S/C10H25NSi/c1-7-8-9-11-12(5,6)10(2,3)4/h11H,7-9H2,1-6H3
InchiKey: SWZTVXMPYBUYPB-UHFFFAOYSA-N
Formula: C10H25NSi
SMILES: CCCC[N_{Si}](C)(C)C(C)(C)C
Mol. weight [g/mol]: 187.40

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.25		Crippen Method
logp	3.381		Crippen Method
rinpol	1085.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R64706&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/76-983-7/1-Butanamine-mono-DMTBS.pdf>

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