

Glycine, n-(3-butenoyl), bis-TMS

Inchi: InChI=1S/C12H25NO3Si2/c1-8-9-11(15-17(2,3)4)13-10-12(14)16-18(5,6)7/h8H,1,9-10H2
InchiKey: VSZCGHPKXOOYLO-UHFFFAOYSA-N
Formula: C12H25NO3Si2
SMILES: C=CCC(=NCC(=O)O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 287.50

Physical Properties

Property code	Value	Unit	Source
log10ws	1.59		Crippen Method
logp	3.191		Crippen Method
rinpol	1471.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R113023&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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

Latest version available from:

<https://www.chemeo.com/cid/53-285-7/Glycine-n-3-butenoyl-bis-TMS.pdf>

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