Serine, mono-ethoxycarbonylated, mono-TBDMS

Inchi: InChI=1S/C12H25NO5Si/c1-7-17-11(16)13-9(8-14)10(15)18-19(5,6)12(2,3)4/h9,14H,7-8H

InchiKey: MVUVMMIGLVOURY-UHFFFAOYSA-N

Formula: C12H25NO5Si

SMILES: CCOC(=O)NC(CO)C(=O)O[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 291.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.16		Crippen Method
logp	1.642		Crippen Method
rinpol	1757.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R564991&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices