

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:	MVUVMIGLVOURY-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/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/18-352-1/Serine-mono-ethoxycarbonylated-mono-TBDMS.pdf>

Generated by Cheméo on 2024-04-29 19:42:50.764672454 +0000 UTC m=+16709019.685249777.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.