

2-(Bis[2-(trimethylsilyl)oxyethyl]amino)acetic acid, methyl ester

Other names:

Methyl 2-(bis(2-[(trimethylsilyl)oxy]ethyl)amino)acetate
2-{Bis[2-(trimethylsilyl)oxyethyl]amino}acetic acid, methyl ester
Methyl 2-(bis{2-[(trimethylsilyl)oxy]ethyl}amino)acetate

Inchi: InChI=1S/C13H31NO4Si2/c1-16-13(15)12-14(8-10-17-19(2,3)4)9-11-18-20(5,6)7/h8-12H

InchiKey: HZVOWROQWBDQQT-UHFFFAOYSA-N

Formula: C13H31NO4Si2

SMILES: COC(=O)CN(CCO[Si](C)(C)C)CCO[Si](C)(C)C

Mol. weight [g/mol]: 321.56

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | 3.03 | | Crippen Method |
| logp | 2.164 | | Crippen Method |
| rinpol | 1601.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U378699&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

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<https://www.chemeo.com/cid/15-739-5/2-Bis-2-trimethylsilyl-oxyethyl-amino-acetic-acid-methyl-ester.pdf>

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