

«gamma»-Aminobutyric acid, mono-ethoxycarbonylated, bis-TBDMS

Inchi: InChI=1S/C19H41NO4Si2/c1-12-23-17(22)20(25(8,9)18(2,3)4)15-13-14-16(21)24-26(10,11)27-28-29-30
InchiKey: MSSYLKVCRUQWOV-UHFFFAOYSA-N
Formula: C₁₉H₄₁NO₄Si₂
SMILES: CCOC(=O)N(CCCC(=O)O[Si](C)(C)C(C)(C)C)[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 403.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.15		Crippen Method
logp	5.779		Crippen Method
rinpol	2110.00		NIST Webbook
rinpol	2110.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R562811&Units=SI>

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/49-896-4/gamma-Aminobutyric-acid-mono-ethoxycarbonylated-bis-TBDMS.pdf>

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