

L-2-Aminobutyric acid, N-trimethylsilyl-, trimethylsilyl ester

Other names:	Trimethylsilyl (2R)-2-[(trimethylsilyl)amino]butanoate L-2-aminobutyric acid, 2tms derivative
Inchi:	InChI=1S/C10H25NO2Si2/c1-8-9(11-14(2,3)4)10(12)13-15(5,6)7/h9,11H,8H2,1-7H3
InchiKey:	DPYJWAAWQSORGK-UHFFFAOYSA-N
Formula:	C10H25NO2Si2
SMILES:	CCC(N[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	247.48

Physical Properties

Property code	Value	Unit	Source
log10ws	1.73		Crippen Method
logp	2.568		Crippen Method
rinpola	1161.50		NIST Webbook
rinpola	1161.50		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U332988&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
rinpola:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/122-790-9/l-2-Aminobutyric-acid-N-trimethylsilyl-trimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-04-30 10:17:09.847468616 +0000 UTC m=+16761478.768045928.

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