

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

Other names:	Trimethylsilyl (2S)-2-[(trimethylsilyl)amino]butanoate D-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	1161.70		NIST Webbook
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Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U332992&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpola:	Non-polar retention indices

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