

1-Aminocyclopropanecarboxylic acid, N-trimethylsilyl-, trimethylsilyl ester

Other names:	Trimethylsilyl 1-[(trimethylsilyl)amino]cyclopropanecarboxylate 1-Aminocyclopropanecarboxylic acid, 2tms derivative
Inchi:	InChI=1S/C10H23NO2Si2/c1-14(2,3)11-10(7-8-10)9(12)13-15(4,5)6/h11H,7-8H2,1-6H3
InchiKey:	NKANKQURWAGNFI-UHFFFAOYSA-N
Formula:	C10H23NO2Si2
SMILES:	C[Si](C)(C)NC1(C(=O)O[Si](C)(C)C)CC1
Mol. weight [g/mol]:	245.47

Physical Properties

Property code	Value	Unit	Source
log10ws	1.83		Crippen Method
logp	2.322		Crippen Method
rinpola	1199.80		NIST Webbook
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U332912&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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