

Aminomalonic acid, tris(trimethylsilyl)-

Other names:	Aminomalonic acid, N,O-3TMS
Inchi:	InChI=1S/C12H29NO4Si3/c1-18(2,3)13-10(11(14)16-19(4,5)6)12(15)17-20(7,8)9/h10,13
InchiKey:	HFJBTSWFKQDXSU-UHFFFAOYSA-N
Formula:	C12H29NO4Si3
SMILES:	C[Si](C)(C)NC(C(=O)O[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	335.62

Physical Properties

Property code	Value	Unit	Source
log10ws	3.98		Crippen Method
logp	2.536		Crippen Method
rinpola	1485.00		NIST Webbook
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U79525&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/93-344-7/Aminomalonic-acid-tris-trimethylsilyl.pdf>

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