

# L-Aspartic acid, N-(trimethylsilyl)-, bis(trimethylsilyl) ester

<b>Other names:</b>	Aspartic acid, N-(trimethylsilyl)-, bis(trimethylsilyl) ester Aspartic acid (N,O,O-tris-TMS) L-Aspartic acid, (3TMS)- ASPARTIC ACID,N,O,O-TMS Aspartic acid, TMS L-aspartic acid, 3tms derivative
<b>Inchi:</b>	InChI=1S/C13H31NO4Si3/c1-19(2,3)14-11(13(16)18-21(7,8)9)10-12(15)17-20(4,5)6/h11
<b>InchiKey:</b>	CTMXPIJTHHSEEF-NSHDSACASA-N
<b>Formula:</b>	C13H31NO4Si3
<b>SMILES:</b>	C[Si](C)(C)NC(CC(=O)O[Si](C)(C)C)C(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	349.65
<b>CAS:</b>	55268-53-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	3.56		Crippen Method
logp	2.926		Crippen Method
rinpol	1534.00		NIST Webbook
rinpol	1502.40		NIST Webbook
rinpol	1534.00		NIST Webbook
rinpol	1521.60		NIST Webbook
rinpol	1521.60		NIST Webbook
rinpol	1502.40		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C55268536&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C55268536&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

# Legend

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

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