

Asparagine, O,O',N-tris(trimethylsilyl)-

Other names:	Asn, TMS ASPARAGINE (N,N,O-TMS)
Inchi:	InChI=1S/C13H32N2O3Si3/c1-19(2,3)15-11(13(16)18-21(7,8)9)10-12(14)17-20(4,5)6/h1
InchiKey:	KQGHEGUTSZKOCI-UHFFFAOYSA-N
Formula:	C13H32N2O3Si3
SMILES:	C[Si](C)(C)NC(CC(=N)O[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	348.66

Physical Properties

Property code	Value	Unit	Source
log10ws	1.92		Crippen Method
logp	3.376		Crippen Method
rinpola	1670.10		NIST Webbook
rinpola	1687.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U141391&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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<https://www.cheméo.com/cid/18-997-6/Asparagine-O-O-N-tris-trimethylsilyl.pdf>

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