

Ornithine, tri-TMS

Other names:	N,N',O-tris-(Trimethylsilyl)ornithine Ornithine, N2,N5-bis(trimethylsilyl)-, trimethylsilyl ester, L- L-Ornithine, N,N'-bis(trimethylsilyl)-, trimethylsilyl ester Ornithine, N,N',O-tris-TMS DL-Ornithine, N,N'-bis(trimethylsilyl)-, trimethylsilyl ester ORNITHINE,N,N,O-TMS-1 L-ornithine, 3tms derivative
Inchi:	InChI=1S/C14H36N2O2Si3/c1-19(2,3)15-12-10-11-13(16-20(4,5)6)14(17)18-21(7,8)9/h1
InchiKey:	RCRVISHDTJFLLG-UHFFFAOYSA-N
Formula:	C14H36N2O2Si3
SMILES:	C[Si](C)(C)NCCCC(N[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	348.70
CAS:	24595-70-8

Physical Properties

Property code	Value	Unit	Source
log10ws	2.81		Crippen Method
logp	3.362		Crippen Method
rinpol	1624.00		NIST Webbook
rinpol	1596.20		NIST Webbook
rinpol	1624.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C24595708&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

rinpol: Non-polar retention indices

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