

DL-Ornithine, N,N,N'-tris(trimethylsilyl)-, trimethylsilyl ester

Other names:	DL-Ornithine, tetrakis-TMS DI-ornithine, 4tms derivative
Inchi:	InChI=1S/C17H44N2O2Si4/c1-22(2,3)18-16(17(20)21-25(10,11)12)14-13-15-19(23(4,5)6
InchiKey:	PUQPCLIKLCAPHV-UHFFFAOYSA-N
Formula:	C17H44N2O2Si4
SMILES:	<chem>C[Si](C)(C)NC(CCCN([Si](C)(C)C)[Si](C)(C)C)C(=O)O[Si](C)(C)C</chem>
Mol. weight [g/mol]:	420.89

Physical Properties

Property code	Value	Unit	Source
log10ws	4.12		Crippen Method
logp	4.910		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333139&Units=SI&Mask=3FFF
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/113-037-5/DL-Ornithine-N-N-N-tris-trimethylsilyl-trimethylsilyl-ester.pdf>

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