

N-Methyl-1-deoxynojirimycin, tetrakis(trimethylsilyl) ether

Inchi:	InChI=1S/C19H47NO4Si4/c1-20-14-17(22-26(5,6)7)19(24-28(11,12)13)18(23-27(8,9)10)
InchiKey:	UJBDAOQCYRHAHN-UHFFFAOYSA-N
Formula:	C19H47NO4Si4
SMILES:	CN1CC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C1CO[Si](C)(C)C
Mol. weight [g/mol]:	465.92

Physical Properties

Property code	Value	Unit	Source
log10ws	4.76		Crippen Method
logp	4.812		Crippen Method
rinpol	1866.80		NIST Webbook
rinpol	1866.80		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U380114&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.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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<https://www.cheméo.com/cid/47-078-4/N-Methyl-1-deoxynojirimycin-tetrakis-trimethylsilyl-ether.pdf>

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