

myo-Inositol 3,4,5,6-tetraacetate, bis(trimethylsilyl) ether

Inchi:	InChI=1S/C20H36O10Si2/c1-11(21)25-15-16(26-12(2)22)18(28-14(4)24)20(30-32(8,9)10
InchiKey:	TWBFNTKPCXVFQB-UHFFFAOYSA-N
Formula:	C20H36O10Si2
SMILES:	CC(=O)OC1C(OC(C)=O)C(OC(C)=O)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C1OC(C)=O
Mol. weight [g/mol]:	492.66

Physical Properties

Property code	Value	Unit	Source
log10ws	1.51		Crippen Method
logp	2.167		Crippen Method
rinpol	2058.90		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U380372&Units=SI

Legend

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

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