

Palatinose, heptakis(trimethylsilyl) ether, methyloxime

Inchi:	InChI=1S/C33H79NO10Si7/c1-35-34-23-26(39-46(5,6)7)29(41-48(11,12)13)28(40-47(8,9
InchiKey:	DZJKOQFIBZROAK-UHFFFAOYSA-N
Formula:	C33H79NO10Si7
SMILES:	CON=CC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(COC1OC(CO[Si](C)(C)C)C(O[Si](C)(C)C)C(O
Mol. weight [g/mol]:	846.58

Physical Properties

Property code	Value	Unit	Source
log10ws	7.70		Crippen Method
logp	8.532		Crippen Method
rinpol	2822.60		NIST Webbook
rinpol	2822.60		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U380111&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/57-143-0/Palatinose-heptakis-trimethylsilyl-ether-methyloxime.pdf>

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