2,2,4,4,6,6,8,8,10,10,12,12,14-tridecamethyl-12-(2-c

Inchi: InChI=1S/C16H43NO7Si7/c1-25(2)18-26(3,4)20-28(7,8)22-30(11,12)24-31(13,16-14-15-
InchiKey: CYOWEPZARXTZJP-UHFFFAOYSA-N
Formula: C16H43NO7Si7
SMILES: C[Si]1(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(CCC#N)O[Si](C)(C)O[Si](C)(C)O1
Mol. weight [g/mol]: 558.11

Physical Properties

Property code	Value	Unit	Source
log10ws	9.68		Crippen Method
logp	5.313		Crippen Method
rinpol	1911.00		NIST Webbook
rinpol	1911.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R254392&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