

2,2,4,4,6,6,8,8,10,10,12,12,14-tridecamethyl-12-(2-cyanoethyl)-12-oxo-2-(2-oxopropyl)propane-11-sulfonamide

Inchi:	InChI=1S/C16H43NO7Si7/c1-25(2)18-26(3,4)20-28(7,8)22-30(11,12)24-31(13,16-14-15-17-18)
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)(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

Latest version available from:

<https://www.chemeo.com/cid/60-517-1/2-2-4-4-6-6-8-8-10-10-12-12-14-tridecamethyl-12-2-cyanoethyl-1-3-5-7-9-11-13>

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