[2-[2-[2-[2-[2-[2-[2-(tert-Butyldimethylsilyloxy)etho

Other names:	3,6,9,12,15,18,21-Heptaoxa-22-silatetracosan-1-ol, 22,22,23,23-tetramethyl-
	Heptaethylene glycol, mono(tert-butyldimethylmethyl)silyl ether
	Heptaethylene glycol, tbdms derivative
Inchi:	InChI=1S/C20H44O8Si/c1-20(2,3)29(4,5)28-19-18-27-17-16-26-15-14-25-13-12-24-11-1
InchiKey:	CZWZWGPGPPUPEN-UHFFFAOYSA-N
Formula:	C20H44O8Si
SMILES:	CC(C)(C)[Si](C)(C)OCCOCCOCCOCCOCCOCCOCCO
Mol. weight [g/mol]:	440.64

Physical Properties

Property code	Value	Unit	Source
log10ws	0.88		Crippen Method
logp	2.100		Crippen Method
rinpol	2707.90		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352104&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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