tert-Butyl-[2-[2-[2-[2-[2-[2-(tert-butyldimethylsilyl)o

Other names:	4,7,10,13,16,19,22-Heptaoxa-3,23-disilapentacosane, 2,2,3,3,23,23,24,24-octamethyl- Hexaethylene glycol, bis(tert-butyldimethylmethyl)silyl ether Hexaethylene glycol, 2tbdms derivative
Inchi:	InChI=1S/C24H54O7Si2/c1-23(2,3)32(7,8)30-21-19-28-17-15-26-13-11-25-12-14-27-16-
InchiKey:	OFYWYZJPKSUWIB-UHFFFAOYSA-N
Formula:	C24H54O7Si2
SMILES:	CC(C)(C)[Si](C)(C)OCCOCCOCCOCCOCCOCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	510.85

Physical Properties

Property code	Value	Unit	Source
log10ws	0.42		Crippen Method
logp	5.113		Crippen Method
rinpol	2745.10		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352089&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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