

tert-Butyl-[2-[2-[2-[2-(tert-butyl)dimethylsilyl]oxy]ethoxy]ethoxy]ethoxy-dimethylsilyl ether

Other names:	4,7,10,13,16-Pentaoxa-3,17-disilanonadecane, 2,2,3,3,17,17,18,18-octamethyl-Tetraethylene glycol, bis(tert-butyl)dimethylmethylsilyl ether Tetraethylene glycol, 2tdms derivative
Inchi:	InChI=1S/C20H46O5Si2/c1-19(2,3)26(7,8)24-17-15-22-13-11-21-12-14-23-16-18-25-27(8,9)
InchiKey:	HCVRHLFCHWFKFG-UHFFFAOYSA-N
Formula:	C20H46O5Si2
SMILES:	CC(C)(C)[Si](C)(C)OCCOCCOCCOCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	422.75

Physical Properties

Property code	Value	Unit	Source
log10ws	0.27		Crippen Method
logp	5.080		Crippen Method
rinpol	2207.90		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=U352087&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/36-790-5/tert-Butyl-2-2-2-2-tert-butyl\)dimethylsilyl-oxyethoxy-ethoxy-ethoxy-dimethylsilyl-ether](https://www.chemeo.com/cid/36-790-5/tert-Butyl-2-2-2-2-tert-butyl)dimethylsilyl-oxyethoxy-ethoxy-ethoxy-dimethylsilyl-ether)

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