

[2-[2-[2-[2-[2-[2-[2-[2-(tert-Butyldimethylsilyloxy)et

Other names: 3,6,9,12,15,18,21,24-Heptaoxa-25-silaheptacosan-1-ol, 25,25,26,26-tetramethyl-Octaethylene glycol, mono(tert-butyldimethylmethyl)silyl ether
Octaethylene glycol, tbdms derivative

Inchi: InChI=1S/C22H48O9Si/c1-22(2,3)32(4,5)31-21-20-30-19-18-29-17-16-28-15-14-27-13-1

InchiKey: PMWBSWGAQMRFKP-UHFFFAOYSA-N

Formula: C22H48O9Si

SMILES: CC(C)(C)[Si](C)(C)OCCOCCOCCOCCOCCOCCOCCOCCO

Mol. weight [g/mol]: 484.70

Physical Properties

Property code	Value	Unit	Source
log10ws	0.96		Crippen Method
logp	2.117		Crippen Method
rinpol	2978.20		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=U352105&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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<https://www.chemeo.com/cid/77-437-2/2-2-2-2-2-2-2-2-tert-Butyldimethylsilyloxy-ethoxy-ethoxy-ethoxy-ethoxy-ethoxy>

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