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

Other names: 4,7,10,13,16,19-Hexaoxa-3,20-disiladocosane, 2,2,3,3,20,20,21,21-octamethyl-
Pentaethylene glycol, bis(tert-butyldimethylmethyl)silyl ether
Pentaethylene glycol, 2tbdms derivative
Inchi: InChI=1S/C22H50O6Si2/c1-21(2,3)29(7,8)27-19-17-25-15-13-23-11-12-24-14-16-26-18-
InchiKey: MWMNXYQQTDSUPL-UHFFFAOYSA-N
Formula: C22H50O6Si2
SMILES: CC(C)(C)[Si](C)(C)OCCOCCOCCOCCOCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 466.80

Physical Properties

Property code	Value	Unit	Source
log10ws	0.34		Crippen Method
logp	5.096		Crippen Method
rinpol	2477.00		NIST Webbook
rinpol	2477.00		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=U352088&Units=SI

Legend

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

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.