2-(2-(2-(2-(2-(2-Pentoxy-ethoxy)-ethoxy)-ethoxy)-e
TMS ether

Other names:	Heptaethylene glycol, pentyl ether, TMS
Inchi:	InChI=1S/C22H48O8Si/c1-5-6-7-8-23-9-10-24-11-12-25-13-14-26-15-16-27-17-18-28-19
InchiKey:	RCEKRRTVGGUBCA-UHFFFAOYSA-N
Formula:	C22H48O8Si
SMILES:	CCCCCOCCOCCOCCOCCOCCOCCOCCO[Si](C)(C)C
Mol. weight [g/mol]:	468.70

Physical Properties

Property code	Value	Unit	Source
log10ws	0.22		Crippen Method
logp	3.144		Crippen Method
rinpol	2801.60		NIST Webbook
rinpol	2801.60		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=R188042&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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