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

Other names:	Hexaethylene glycol, pentyl ether, TMS
Inchi:	InChI=1S/C20H44O7Si/c1-5-6-7-8-21-9-10-22-11-12-23-13-14-24-15-16-25-17-18-26-19
InchiKey:	HCRRUUNFGPRNBT-UHFFFAOYSA-N
Formula:	C20H44O7Si
SMILES:	CCCCCOCCOCCOCCOCCOCCOCCO[Si](C)(C)C
Mol. weight [g/mol]:	424.64

Physical Properties

Property code	Value	Unit	Source
log10ws	0.14		Crippen Method
logp	3.128		Crippen Method
rinpol	2527.10		NIST Webbook
rinpol	2527.10		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R188200&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

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