

2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]

Other names:	2,2-Dimethyl-3,6,9,12,15,18,21,24,27-nonaoxa-2-silaoctacosane 3,6,9,12,15,18,21,24-Octaoxapentacosan-1-ol, tms derivative
Inchi:	InChI=1S/C20H44O9Si/c1-21-5-6-22-7-8-23-9-10-24-11-12-25-13-14-26-15-16-27-17-18
InchiKey:	QXRNLCOYVQFXIU-UHFFFAOYSA-N
Formula:	C20H44O9Si
SMILES:	COCCOCCOCCOCCOCCOCCOCCOCCOCCO[Si](C)(C)C
Mol. weight [g/mol]:	456.64

Physical Properties

Property code	Value	Unit	Source
log10ws	1.97		Crippen Method
logp	1.601		Crippen Method
rinsol	2696.40		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352078&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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