

Heptaethylene glycol, butyl ether, TMS

Other names:	2-(2-(2-(2-(2-(2-(2-Butoxy-ethoxy)-ethoxy)-ethoxy)-ethoxy)-ethoxy)-ethyl TMS ether
Inchi:	InChI=1S/C21H46O8Si/c1-5-6-7-22-8-9-23-10-11-24-12-13-25-14-15-26-16-17-27-18-19
InchiKey:	MVXHMBNBJYUCJO-UHFFFAOYSA-N
Formula:	C21H46O8Si
SMILES:	CCCCOCCOCCOCCOCCOCCOCCOCCOCCO[Si](C)(C)C
Mol. weight [g/mol]:	454.67

Physical Properties

Property code	Value	Unit	Source
log10ws	0.64		Crippen Method
logp	2.754		Crippen Method
rinpol	2702.70		NIST Webbook
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R187801&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/84-813-6/Heptaethylene-glycol-butyl-ether-TMS.pdf>

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