

Triethylene glycol, decyl ether, TMS

Other names: 2-(2-(2-decyloxy-ethoxy)-ethoxy)-ethanol, TMS
Inchi: InChI=1S/C19H42O4Si/c1-5-6-7-8-9-10-11-12-13-20-14-15-21-16-17-22-18-19-23-24(2,3)
InchiKey: LWDCFJHJZFOVSU-UHFFFAOYSA-N
Formula: C19H42O4Si
SMILES: CCCCCCCCCOCCOCCOCCO[Si](C)(C)C
Mol. weight [g/mol]: 362.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.18		Crippen Method
logp	5.028		Crippen Method
rinpol	2196.40		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R184317&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
rinpol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/97-763-8/Triethylene-glycol-decyl-ether-TMS.pdf>

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