

# 2-(2-(2-(2-(2-(2-decyloxy-ethoxy)-ethoxy)-ethoxy)-ethoxy)-ethoxy)-ethoxy-TMS

Other names:

Hexaethylene glycol, decyl ether, TMS

Inchi:

InChI=1S/C25H54O7Si/c1-5-6-7-8-9-10-11-12-13-26-14-15-27-16-17-28-18-19-29-20-21

InchiKey:

XDxCEPQSDZBKRV-UHFFFAOYSA-N

Formula:

C25H54O7Si

SMILES:

CCCCCCCCCOCCOCCOCCOCCOCCOCCO[Si](C)(C)C

Mol. weight [g/mol]:

494.78

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.95		Crippen Method
logp	5.078		Crippen Method
rinpol	3010.20		NIST Webbook

## Sources

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method:

[https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=R184075&Units=SI>

## 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/77-351-7/2-2-2-2-2-2-2-decyloxy-ethoxy-ethoxy-ethoxy-ethoxy-ethoxy-ethanol-TMS.pdf>

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