

2-(2-(2-(2-decyloxy-ethoxy)-ethoxy)-ethoxy)-ethanol-TMS

TMS

InchiKey:

InChI=1S/C21H46O5Si/c1-5-6-7-8-9-10-11-12-13-22-14-15-23-16-17-24-18-19-25-20-21

YXWHZWAFODHSTA-UHFFFAOYSA-N

Formula:

C21H46O5Si

SMILES:

CCCCCCCCCOCCOCCOCCOCCO[Si](C)(C)C

Mol. weight [g/mol]:

406.67

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -2.10 | | Crippen Method |
| logp | 5.045 | | Crippen Method |
| rinsol | 2467.30 | | NIST Webbook |
| rinsol | 2467.30 | | NIST Webbook |

Sources

Crippen Method:

https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=R184233&Units=SI>

Crippen Method:

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

Legend

log10ws:

Log10 of Water solubility in mol/l

logp:

Octanol/Water partition coefficient

rinsol:

Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/56-241-2/2-2-2-2-decyloxy-ethoxy-ethoxy-ethoxy-ethanol-TMS.pdf>

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