

Heneicosanoic acid, trimethylsilyl ester

Other names: Heneicosanoic acid, tms derivative
Inchi: InChI=1S/C24H50O2Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24(25)
InchiKey: RZWSAJMDACSTKQ-UHFFFAOYSA-N
Formula: C₂₄H₅₀O₂Si
SMILES: CCCCCCCCCCCCCCCCCCCCCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 398.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.78		Crippen Method
logp	8.796		Crippen Method
rinpol	2534.00		NIST Webbook
rinpol	2533.90		NIST Webbook
rinpol	2533.90		NIST Webbook
rinpol	2534.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333868&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/95-503-8/Heneicosanoic-acid-trimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-04-26 18:55:33.231994441 +0000 UTC m=+16446982.152571769.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.