

5,8,11-Eicosatriynoic acid, trimethylsilyl ester

Other names:	5,8,11-Eicosatriynoic acid, tms derivative
Inchi:	InChI=1S/C23H36O2Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23(24)25
InchiKey:	XBKDHFNKZGURLX-UHFFFAOYSA-N
Formula:	C23H36O2Si
SMILES:	CCCCCCCCC#CCC#CCC#CCCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	372.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.75		Crippen Method
logp	6.076		Crippen Method
rinpol	2557.80		NIST Webbook
rinpol	2557.80		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333563&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
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/97-326-3/5-8-11-Eicosatriynoic-acid-trimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-04-25 20:55:35.976320891 +0000 UTC m=+16367784.896898203.

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