

10,12-Tricosadiynoic acid, trimethylsilyl ester

Other names:	10,12-Tricosadiynoic acid, tms derivative
Inchi:	InChI=1S/C26H46O2Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25
InchiKey:	GKTDTOLBJMIB-UHFFFAOYSA-N
Formula:	C26H46O2Si
SMILES:	CCCCCCCCCCC#CC#CCCCCCCCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	418.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.21		Crippen Method
logp	8.023		Crippen Method
rinpol	2941.90		NIST Webbook
rinpol	2941.90		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333596&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
Crippen Method:	https://www.chemeo.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.chemeo.com/cid/86-516-4/10-12-Tricosadiynoic-acid-trimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-04-29 03:48:32.937400983 +0000 UTC m=+16651761.857978298.

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