

Tropic acid, trimethylsilyl ether, trimethylsilyl ester

Other names:	Tropic acid, 2tms derivative
Inchi:	InChI=1S/C15H26O3Si2/c1-19(2,3)17-12-14(13-10-8-7-9-11-13)15(16)18-20(4,5)6/h7-11
InchiKey:	PASLIDCFUAELRD-UHFFFAOYSA-N
Formula:	C15H26O3Si2
SMILES:	<chem>C[Si](C)(C)OCC(C(=O)O[Si](C)(C)C)c1cccc1</chem>
Mol. weight [g/mol]:	310.54

Physical Properties

Property code	Value	Unit	Source
log10ws	0.78		Crippen Method
logp	4.000		Crippen Method
rinpol	1603.00		NIST Webbook
rinpol	1584.20		NIST Webbook
rinpol	1603.00		NIST Webbook
rinpol	1584.20		NIST Webbook

Sources

Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352439&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.cheméo.com/cid/118-111-7/Tropic-acid-trimethylsilyl-ether-trimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-04-28 06:27:25.903943139 +0000 UTC m=+16574894.824520454.

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