

10-Undecenoic acid, trimethylsilyl ester

Other names: 10-Undecenoic acid, tms derivative; Trimethylsilyl 10-undecenoate.

InChI: InChI=1S/C14H28O2Si/c1-5-6-7-8-9-10-11-12-13-14(15)16-17(2,3)4/h5H,1,6-13H2,2-4H3

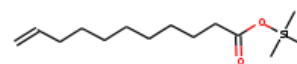
InChI Key: VMXRWOBZWPBJEY-UHFFFAOYSA-N

Formula: C₁₄H₂₈O₂Si

SMILES: C=CCCCCCCCC(=O)O[Si](C)(C)C

Molecular Weight: 256.46

CAS: 24338-09-8



Physical Properties

Property	Value	Unit	Source
$\log P_{\text{oct/wat}}$	4.67		Crippen Method

Sources

NIST Webbook: [http://webbook.nist.gov/cgi/inchi/InChI=1S/C14H28O2Si/c1-5-6-7-8-9-10-11-12-13-14\(15\)16-17\(2,3\)4/h5H,1,6-13H2,2-4H3](http://webbook.nist.gov/cgi/inchi/InChI=1S/C14H28O2Si/c1-5-6-7-8-9-10-11-12-13-14(15)16-17(2,3)4/h5H,1,6-13H2,2-4H3)

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

Legend

$\log P_{\text{oct/wat}}$: Octanol/Water partition coefficient .

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