

# Prosta-5,8(12),13-trien-1-oic acid, 9-oxo-15-[(trimethylsilyl)oxy]-, trimethylsilyl ester, (5Z,13E,15S)-

Other names:

InChI: InChI=1S/C26H46O4Si2/c1-8-9-12-15-23(29-31(2,3)4)20-18-22-19-21-25(27)24(22)16-1

InchiKey: JZVGPLINNCXVJI-UGCDWPSXSA-N

Formula: C26H46O4Si2

SMILES: CCCCCC(C=CC1=C(CC=CCCC(=O)O[Si](C)(C)C)C(=O)CC1)O[Si](C)(C)C

Mol. weight [g/mol]: 478.81

CAS: 53044-54-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.61		Crippen Method
logp	7.497		Crippen Method
rinpol	2872.00		NIST Webbook

## Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C53044545&Units=SI>

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

Crippen Method: [https://www.cheméo.com/doc/models/crippen\\_log10ws](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

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