

Prosta-8(12),13-dien-1-oic acid, 9-(ethoxyimino)-15-[(trimethylsilyl)oxy]-, trimethylsilyl ester, (13E,15S)-

Other names:

P6B1 ethyl oxime-TMS

Inchi: InChI=1S/C28H53NO4Si2/c1-9-11-14-17-25(32-34(3,4)5)22-20-24-21-23-27(29-31-10-2)

InchiKey: OHZXJEKTFQCOQY-LEGGHNEGSA-N

Formula: C28H53NO4Si2

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

Mol. weight [g/mol]: 523.90

CAS: 56009-45-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.55		Crippen Method
logp	8.545		Crippen Method
rinpol	2766.00		NIST Webbook
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Sources

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

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C56009451&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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[https://www.chemeo.com/cid/124-726-8/Prosta-8-12-13-dien-1-oic-acid-9-ethoxyimino-15-trimethylsilyl-oxy-trimethylsilyl-ester-\(13E,15S\)-](https://www.chemeo.com/cid/124-726-8/Prosta-8-12-13-dien-1-oic-acid-9-ethoxyimino-15-trimethylsilyl-oxy-trimethylsilyl-ester-(13E,15S)-)

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