

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

Other names:

P6B2, methyl oxime, 4-11-Me

Inchi: InChI=1S/C27H49NO4Si2/c1-9-10-13-16-24(31-33(3,4)5)21-19-23-20-22-26(28-30-2)25

InchiKey: QVYCPZLTVOPAPC-SQJRWFCSSA-N
Formula: C27H49NO4Si2
SMILES: CCCCCC(C=CC1=C(CC=CCCC(=O)O[Si](C)(C)C)C(=NOC)CC1)O[Si](C)(C)C
Mol. weight [g/mol]: 507.85
CAS: 56009-42-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.99		Crippen Method
logp	7.931		Crippen Method
rinpol	2719.00		NIST Webbook
rinpol	2719.00		NIST Webbook

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=C56009428&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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