

Prosta-10,13-dien-1-oic acid, 9-oxo-15-[(trimethylsilyl)oxy]-, trimethylsilyl ester, (13E,15S)-

Other names:

PGACTMS

InChI: InChI=1S/C26H48O4Si2/c1-8-9-12-15-23(29-31(2,3)4)20-18-22-19-21-25(27)24(22)16-1

InchiKey: FWQYNRGDLADIBR-CZIZESTLSA-N

Formula: C₂₆H₄₈O₄Si₂

SMILES: CCCCCC(C=CC1C=CC(=O)C1CCCCCCC(=O)O[Si](C)(C)C)O[Si](C)(C)C

Mol. weight [g/mol]: 480.83

CAS: 55429-54-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.27		Crippen Method
logp	7.433		Crippen Method
rinpola	3026.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C55429544&Units=SI>

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

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpola: Non-polar retention indices

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