Erucic acid, benzyldimethylsilyl ester

Inchi: InChI=1S/C31H54O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-25-28-31(3
InchiKey: FRPCXQDGZFJAOQ-VAWYXSNFSA-N
Formula: C31H54O2Si
SMILES: CCCCCCCCC=CCCCCCCCCCCCC(=O)O[Si](C)(C)Cc1ccccc1
Mol. weight [g/mol]: 486.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.76		Crippen Method
logp	10.114		Crippen Method
rinpol	3761.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U375697&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices