7,11b-Dihydro-6H-indeno[2,1-c]chromene-3,4,6a,9,10-pentakis(trimethylsilyl) ether

Other names: Benz(b)indeno(1,2-d)pyran-3,4,6a,9,10(6H)-pentol, 7,11b-dihydro-, penta-trimethylsilyl ether

Inchi: InChI=1S/C31H54O6Si5/c1-38(2,3)33-25-17-16-23-28-24-19-27(35-40(7,8)9)26(34-39(4,

InchiKey: CFAQAGCVXBLKID-UHFFFAOYSA-N

Formula: C31H54O6Si5

SMILES: C[Si](C)(C)Oc1cc2c(cc1O[Si](C)(C)C)C1c3ccc(O[Si](C)(C)C)c(O[Si](C)(C)C)c3OCC1(O[S

Mol. weight [g/mol]: 663.18

Physical Properties

Property code	Value	Unit	Source
log10ws	1.21		Crippen Method
logp	9.212		Crippen Method
rinpol	2860.00		NIST Webbook
rinpol	2860.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U373288&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices