

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

**Other names:** Benz(h)indeno[1,2-b]pyran-3,4,6a,9,10(6H)-pentol, 7,11b-dihydro-, pentakis(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(4,5)6)29-31

**InchiKey:** CFAQAGCVXBLKID-UHFFFAOYSA-N  
**Formula:** C<sub>31</sub>H<sub>54</sub>O<sub>6</sub>Si<sub>5</sub>  
**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[Si](C)(C)C)C2  
**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
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## Sources

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](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/ci9903071>

## Legend

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

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