

# (3R)-trans-Dihydro-3,4-bis[(4-hydroxy-3-methoxyphenyl)methyl]-2(3H)-furanone, di-TMS

Other names:

Matairesinol, diTMS derivative

Matairesinol, bis-TMS ether

3,4-Bis(3-methoxy-4-[(trimethylsilyl)oxy]benzyl)dihydro-2(3H)-furanone-, (3R-trans)-  
Matairesinol, di-TMS

**Inchi:** InChI=1S/C26H38O6Si2/c1-28-24-15-18(9-11-22(24)31-33(3,4)5)13-20-17-30-26(27)21(28)29-30  
**InchiKey:** BGALDKLCHZQCFQ-UHFFFAOYSA-N  
**Formula:** C26H38O6Si2  
**SMILES:** COc1cc(CC2COC(=O)C2Cc2ccc(O[Si](C)(C)C)c(OC)c2)ccc1O[Si](C)(C)C  
**Mol. weight [g/mol]:** 502.75  
**CAS:** 102907-87-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.09		Crippen Method
logp	5.706		Crippen Method
rinpol	3180.00		NIST Webbook

## Sources

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

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C102907879&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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