

# 2-(4-Allyl-2,6-dimethoxy-phenoxy)-1-benzo[1,3]dioxol-5-yl-propan-1-ol-TMS

**TMS**

**InchiKey:**

InChI=1S/C24H32O7Si/c1-8-9-17-12-21(25-3)23(22(13-17)26-4)29-16(2)24(31-32(5,6)7)

QTAQACPASHCDRX-UHFFFAOYSA-N

**Formula:**

C<sub>24</sub>H<sub>32</sub>O<sub>7</sub>Si

**SMILES:**

C=CCc1cc(OC)c(OC(C)C(Oc2ccc3c(c2)OCO3)O[Si](C)(C)C)c(OC)c1

**Mol. weight [g/mol]:**

460.59

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.42		Crippen Method
logp	5.185		Crippen Method
rinpol	2630.00		NIST Webbook
rinpol	2630.00		NIST Webbook

## 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=R294296&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

Latest version available from:

<https://www.chemeo.com/cid/28-768-9/2-4-Allyl-2-6-dimethoxy-phenoxy-1-benzo-1-3-dioxol-5-yl-propan-1-ol-TMS.pdf>

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