

7-Hydroxy-4-methylcoumarin, tert-butyldimethylsilyl ether

Inchi:	InChI=1S/C16H22O3Si/c1-11-9-15(17)18-14-10-12(7-8-13(11)14)19-20(5,6)16(2,3)4/h7-
InchiKey:	VYXHAIZWFNSDMG-UHFFFAOYSA-N
Formula:	C16H22O3Si
SMILES:	Cc1cc(=O)oc2cc(O[Si](C)(C)C(C)(C)C)ccc12
Mol. weight [g/mol]:	290.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.17		Crippen Method
logp	4.485		Crippen Method
rinpol	2282.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U373021&Units=SI

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/40-090-7/7-Hydroxy-4-methylcoumarin-tert-butyldimethylsilyl-ether.pdf>

Generated by Cheméo on 2024-04-27 04:58:36.194534427 +0000 UTC m=+16483165.115111743.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.