Coumarin, 6-methoxy-7-trimethylsilyloxy

Inchi: InChI=1S/C13H16O4Si/c1-15-11-8-10-9(5-6-13(14)16-10)7-12(11)17-18(2,3)4/h5-8H,1-4
InchiKey: MHNVRFLIRIXNBY-UHFFFAOYSA-N
Formula: C13H16O4Si
SMILES: COc1cc2oc(=O)ccc2cc1O[Si](C)(C)C
Mol. weight [g/mol]: 264.35

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.56		Crippen Method
logp	3.015		Crippen Method
rinpol	2061.00		NIST Webbook
rinpol	2061.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R509221&Units=SI

Legend

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