4-Methyl-7-trimethylsilyloxychromen-2-one

Other names:	2H-1-benzopyran-2-one, 4-methyl-7-[(trimethylsilyl)oxy]- 4-Methyl-7-[(trimethylsilyl)oxy]-2H-chromen-2-one 4-Methyl-7-Trimethylsilyoxycoumarin
Inchi:	InChI=1S/C13H16O3Si/c1-9-7-13(14)15-12-8-10(5-6-11(9)12)16-17(2,3)4/h5-8H,1-4H3
InchiKey:	QHQOZLBDGGWMFA-UHFFFAOYSA-N
Formula:	C13H16O3Si
SMILES:	Cc1cc(=O)oc2cc(O[Si](C)(C)C)ccc12
Mol. weight [g/mol]:	248.35
CAS:	67909-31-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.92		Crippen Method
logp	3.315		Crippen Method
rinpol	2013.00		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=C67909313&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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