

# Xanthene-9-carboxylic acid, benzyldimethylsilyl ester

**Inchi:** InChI=1S/C23H22O3Si/c1-27(2,16-17-10-4-3-5-11-17)26-23(24)22-18-12-6-8-14-20(18)2  
**InchiKey:** IOSGUVMUCBTDR-TUHFFFAOYSA-N  
**Formula:** C<sub>23</sub>H<sub>22</sub>O<sub>3</sub>Si  
**SMILES:** C[Si](C)(Cc1ccccc1)OC(=O)C1c2ccccc2Oc2ccccc21  
**Mol. weight [g/mol]:** 374.50

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.71		Crippen Method
logp	5.454		Crippen Method
rinpol	2625.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U376184&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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