

# Naphthalene-2-carboxylic acid, 3-hydroxy, DTBS

**Inchi:** InChI=1S/C19H24O3Si/c1-18(2,3)23(19(4,5)6)21-16-12-14-10-8-7-9-13(14)11-15(16)17(18)2  
**InchiKey:** IYVGBMIXLNVHOA-UHFFFAOYSA-N  
**Formula:** C19H24O3Si  
**SMILES:** CC(C)(C)[Si]1(C(C)(C)C)OC(=O)c2cc3ccccc3cc2O1  
**Mol. weight [g/mol]:** 328.48

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.68		Crippen Method
logp	5.431		Crippen Method
rinpol	2280.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R41310&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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