

Naphthalene-1-carboxylic acid, 2-hydroxy, DTBS

Inchi: InChI=1S/C19H24O3Si/c1-18(2,3)23(19(4,5)6)21-15-12-11-13-9-7-8-10-14(13)16(15)17(18)22
InchiKey: NZIQMRUOHVAGTD-UHFFFAOYSA-N
Formula: C19H24O3Si
SMILES: CC(C)(C)[Si]1(C(C)(C)C)OC(=O)c2c(ccc3ccccc23)O1
Mol. weight [g/mol]: 328.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.68		Crippen Method
logp	5.431		Crippen Method
rinpol	2250.00		NIST Webbook
rinpol	2250.00		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=R41299&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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<https://www.chemeo.com/cid/97-771-9/Naphthalene-1-carboxylic-acid-2-hydroxy-DTBS.pdf>

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