

2,3-Naphthalenedicarboxylic acid, TBDMS

Inchi: InChI=1S/C24H36O4Si2/c1-23(2,3)29(7,8)27-21(25)19-15-17-13-11-12-14-18(17)16-20(18)
InchiKey: KYSJWYDPWBDGAI-UHFFFAOYSA-N
Formula: C24H36O4Si2
SMILES: CC(C)(C)[Si](C)(C)OC(=O)c1cc2ccccc2cc1C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 444.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.05		Crippen Method
logp	7.164		Crippen Method
rinpol	2687.00		NIST Webbook
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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=R562935&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/39-311-3/2-3-Naphthalenedicarboxylic-acid-TBDMS.pdf>

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