

Salicylic acid, tert.-butyldimethylsilyl ether, tert.-butyldimethylsilyl ester

Inchi: InChI=1S/C19H34O3Si2/c1-18(2,3)23(7,8)21-16-14-12-11-13-15(16)17(20)22-24(9,10)19
InchiKey: SMQAHLKXZAXVTE-UHFFFAOYSA-N
Formula: C19H34O3Si2
SMILES: CC(C)(C)[Si](C)(C)OC(=O)c1ccccc1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 366.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.12		Crippen Method
logp	6.233		Crippen Method
rinpol	1965.00		NIST Webbook
rinpol	1993.50		NIST Webbook
rinpol	1971.00		NIST Webbook
rinpol	1965.00		NIST Webbook
rinpol	1975.00		NIST Webbook
rinpol	1975.00		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=U374322&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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