

Salicylic acid, tert.-butyldimethylsilyl ester

Inchi: InChI=1S/C13H20O3Si/c1-13(2,3)17(4,5)16-12(15)10-8-6-7-9-11(10)14/h6-9,14H,1-5H3
InchiKey: MELCYRGHNZHWJZ-UHFFFAOYSA-N
Formula: C13H20O3Si
SMILES: CC(C)(C)[Si](C)(C)OC(=O)c1ccccc1O
Mol. weight [g/mol]: 252.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.41		Crippen Method
logp	3.554		Crippen Method
rinpol	1601.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U374325&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.cheméo.com/cid/55-004-6/Salicylic-acid-tert-butyl-dimethylsilyl-ester.pdf>

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