

Thiosalicylic acid, O,S-di(tert.-butyldimethylsilyl)-

Inchi: InChI=1S/C19H34O2SSi2/c1-18(2,3)23(7,8)21-17(20)15-13-11-12-14-16(15)22-24(9,10)
InchiKey: QATHNUPMYRCSJA-UHFFFAOYSA-N
Formula: C19H34O2SSi2
SMILES: CC(C)(C)[Si](C)(C)OC(=O)c1ccccc1S[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 382.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.75		Crippen Method
logp	6.946		Crippen Method
rinpola	2135.00		NIST Webbook
rinpola	2139.60		NIST Webbook
rinpola	2135.00		NIST Webbook
rinpola	2139.60		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U374597&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpola: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/120-983-7/Thiosalicylic-acid-O-S-di-tert-butyl-dimethylsilyl.pdf>

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