

3,5-Dimethylphenol tbdms

Other names: 3,5-Dimethylphenol, tert-butyldimethylsilyl ether
3,5-Dimethyl-1-dimethyl(tert-butyl)silyloxybenzene

Inchi: InChI=1S/C14H24OSi/c1-11-8-12(2)10-13(9-11)15-16(6,7)14(3,4)5/h8-10H,1-7H3

InchiKey: VKVVVTCCVXYULN-UHFFFAOYSA-N

Formula: C14H24OSi

SMILES: Cc1cc(C)cc(O[Si](C)(C)C(C)(C)C)c1

Mol. weight [g/mol]: 236.43

CAS: 255837-12-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.69		Crippen Method
logp	4.687		Crippen Method
rinpol	1449.00		NIST Webbook
rinpol	1431.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C255837128&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/28-400-6/3-5-Dimethylphenol-tbdms.pdf>

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