

2,4-Dichlorophenol, tert-butyldimethylsilyl ether

Other names: 2-4-dichlorophenol , TBDMS.

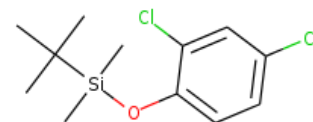
InChI: InChI=1S/C12H18Cl2OSi/c1-12(2,3)16(4,5)15-11-7-6-9(13)8-10(11)14/h6-8H,1-5H3

InChI Key: JYWHLWFKXXRKHZ-UHFFFAOYSA-N

Formula: C12H18Cl2OSi

SMILES: CC(C)(C)[Si](C)(C)Oc1ccc(Cl)cc1Cl

Molecular Weight: 277.26



Physical Properties

| Property | Value | Unit | Source |
|---------------------------|-------|------|----------------|
| $\log P_{\text{oct/wat}}$ | 5.377 | | Crippen Method |

Sources

NIST Webbook: [http://webbook.nist.gov/cgi/inchi/InChI=1S/C12H18Cl2OSi/c1-12\(2,3\)16\(4,5\)15-11-7-6-9\(13\)8-10\(11\)14/h6-8H,1-5H3](http://webbook.nist.gov/cgi/inchi/InChI=1S/C12H18Cl2OSi/c1-12(2,3)16(4,5)15-11-7-6-9(13)8-10(11)14/h6-8H,1-5H3)

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

Legend

$\log P_{\text{oct/wat}}$: Octanol/Water partition coefficient .

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