

Silane, chloromethyl, dimethyl, 4-(dimethylamino)phenyl

Inchi: InChI=1S/C11H18CINSi/c1-13(2)10-5-7-11(8-6-10)14(3,4)9-12/h5-8H,9H2,1-4H3
InchiKey: JDMRYCIBPFYGGQT-UHFFFAOYSA-N
Formula: C11H18CINSi
SMILES: CN(C)c1ccc([Si](C)(C)CCl)cc1
Mol. weight [g/mol]: 227.81

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -4.29 | | Crippen Method |
| logp | 2.446 | | Crippen Method |
| rinpol | 1640.00 | | NIST Webbook |
| rinpol | 1640.00 | | 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=R311603&Units=SI>

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/62-217-2/Silane-chloromethyl-dimethyl-4-dimethylamino-phenyl.pdf>

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