

# 1-Bromo-3-fluoro-6-dimethyl-(isopropyl)-silyloxybenzene

|                             |   |
|-----------------------------|---|
| <b>Inchi:</b>               | InChI=1S/C11H16BrFOSi/c1-8(2)15(3,4)14-11-6-5-9(13)7-10(11)12/h5-8H,1-4H3 |
| <b>InchiKey:</b>            | PNBZXMZSYNADLO-UHFFFAOYSA-N   |
| <b>Formula:</b>             | C11H16BrFOSi  |
| <b>SMILES:</b>              | CC(C)[Si](C)(C)Oc1ccc(F)cc1Br   |
| <b>Mol. weight [g/mol]:</b> | 291.23  |

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -2.81   |      | Crippen Method |
| logp          | 4.582   |      | Crippen Method |
| rinpol        | 1466.90 |      | NIST Webbook   |

## Sources

|                        |   |
|------------------------|---|
| <b>Crippen Method:</b> | <a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>                         |
| <b>NIST Webbook:</b>   | <a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U292673&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U292673&amp;Units=SI</a> |
| <b>Crippen Method:</b> | <a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>                                 |

## Legend

|                 |                                     |
|-----------------|-------------------------------------|
| <b>log10ws:</b> | Log10 of Water solubility in mol/l  |
| <b>logp:</b>    | Octanol/Water partition coefficient |
| <b>rinpol:</b>  | Non-polar retention indices         |

Latest version available from:

<https://www.chemeo.com/cid/10-089-2/1-Bromo-3-fluoro-6-dimethyl-isopropyl-silyloxybenzene.pdf>

Generated by Cheméo on 2024-04-19 19:42:52.113083207 +0000 UTC m=+15845021.033660519.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.