

# 1-Bromo-3-fluoro-6-octyldimethylsilyloxybenzene

**Inchi:** InChI=1S/C16H26BrFOSi/c1-4-5-6-7-8-9-12-20(2,3)19-16-11-10-14(18)13-15(16)17/h10-19  
**InchiKey:** RBBNUGFVBPYSRF-UHFFFAOYSA-N  
**Formula:** C16H26BrFOSi  
**SMILES:** CCCCCCCC[Si](C)(C)Oc1ccc(F)cc1Br  
**Mol. weight [g/mol]:** 361.37

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -4.90   |      | Crippen Method |
| logp          | 6.533   |      | Crippen Method |
| rinpol        | 1931.00 |      | NIST Webbook   |
| rinpol        | 1931.00 |      | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U299069&Units=SI>

## Legend

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

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