

# 7-Bromo-1-heptanol, bromomethyldimethylsilyl ether

**Inchi:** InChI=1S/C10H22Br2OSi/c1-14(2,10-12)13-9-7-5-3-4-6-8-11/h3-10H2,1-2H3  
**InchiKey:** LACFMZVDCVMFKE-UHFFFAOYSA-N  
**Formula:** C10H22Br2OSi  
**SMILES:** C[Si](C)(CBr)OCCCCCCCCBr  
**Mol. weight [g/mol]:** 346.18

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -2.10   |      | Crippen Method |
| logp          | 4.488   |      | Crippen Method |
| rinpol        | 1783.00 |      | 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=U376048&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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