# Silane, dimethyl(dimethyl(4-bromophenoxy)silyloxy)(4-br

**Inchi:** InChI=1S/C16H20Br2O3Si2/c1-22(2,19-15-9-5-13(17)6-10-15)21-23(3,4)20-16-11-7-14(1

**InchiKey:** OZBBGEZDJOHDEZ-UHFFFAOYSA-N

**Formula:** C16H20Br2O3Si2

**SMILES:** C[Si](C)(Oc1ccc(Br)cc1)O[Si](C)(C)Oc1ccc(Br)cc1

**Mol. weight [g/mol]:** 476.31

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| hvap | 92.70 | kJ/mol | Cheméo Relay (1.0) |
| ie | 8.58 | eV | Cheméo Relay (1.0) |
| logp | 6.090 | | Crippen Method |
| rinpol | 2360.00 | | NIST Webbook |
| rinpol | 2360.00 | | NIST Webbook |
| tb | 644.48 | K | Cheméo Relay (1.0) |
| tf | 329.25 | K | Cheméo Relay (1.0) |

## Sources

**Cheméo Relay (1.0, beta):**

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U347121&Units=SI

**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l

**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws

**Cheméo Relay (1.0):**

## Legend

**hvap:** Enthalpy of vaporization at standard conditions

**ie:** Ionization energy

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices

**tb:** Normal Boiling Point Temperature

**tf:** Normal melting (fusion) point

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