# Silane, dimethyl(4-bromophenoxy)decyloxy-

**Inchi:** InChI=1S/C18H31BrO2Si/c1-4-5-6-7-8-9-10-11-16-20-22(2,3)21-18-14-12-17(19)13-15-1
**InchiKey:** COPOJIKZKZAMRJ-UHFFFAOYSA-N
**Formula:** C18H31BrO2Si
**SMILES:** CCCCCCCCCCO[Si](C)(C)Oc1ccc(Br)cc1
**Mol. weight [g/mol]:** 387.43

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -5.08 | | Crippen Method |
| logp | 6.687 | | Crippen Method |
| rinpol | 2230.00 | | NIST Webbook |
| rinpol | 2230.00 | | NIST Webbook |

## Sources

**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U347114&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l

## Legend

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