

# Silane, dimethyl(4-bromophenoxy)heptyloxy-

**Inchi:** InChI=1S/C15H25BrO2Si/c1-4-5-6-7-8-13-17-19(2,3)18-15-11-9-14(16)10-12-15/h9-12H  
**InchiKey:** YYDSLOCMLYLAJM-UHFFFAOYSA-N  
**Formula:** C15H25BrO2Si  
**SMILES:** CCCCCCO[Si](C)(C)Oc1ccc(Br)cc1  
**Mol. weight [g/mol]:** 345.35

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.82		Crippen Method
logp	5.517		Crippen Method
rinpol	1942.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347111&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

## Legend

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

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