

# Bromophenyltrichlorosilane

**Inchi:** InChI=1S/C6H4BrCl3Si/c7-5-1-3-6(4-2-5)11(8,9)10/h1-4H  
**InchiKey:** WODNGFYRYQNMEO-UHFFFAOYSA-N  
**Formula:** C6H4BrCl3Si  
**SMILES:** Cl[Si](Cl)(Cl)c1ccc(Br)cc1  
**Mol. weight [g/mol]:** 290.44  
**CAS:** 27752-77-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.25		Crippen Method
logp	3.311		Crippen Method

## Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	380.00 ± 1.00	K	0.80	NIST Webbook

## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C27752778&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**tbrp:** Boiling point at reduced pressure

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