

Silane, (4-bromophenoxy)trimethyl-

Other names:	4-Trimethylsilyloxybromobenzene 4-Bromotrimethylsiloxybenzene p-Bromophenoxytrimethylsilane p-Trimethylsiloxy bromobenzene (4-Bromophenoxy)(trimethyl)silane 4-Bromophenol, trimethylsilyl ether
Inchi:	InChI=1S/C9H13BrOSi/c1-12(2,3)11-9-6-4-8(10)5-7-9/h4-7H,1-3H3
InchiKey:	HWKPTBHJWBSOOP-UHFFFAOYSA-N
Formula:	C9H13BrOSi
SMILES:	C[Si](C)(C)Oc1ccc(Br)cc1
Mol. weight [g/mol]:	245.19
CAS:	17878-44-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.64		Crippen Method
logp	3.663		Crippen Method
rinpol	1330.60		NIST Webbook

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	399.00	K	3.30	NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C17878443&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices
tbrp:	Boiling point at reduced pressure

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