

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

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(18)
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
log10ws	-2.88		Crippen Method
logp	6.090		Crippen Method
rinpol	2360.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347121&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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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