

Silane, dimethyl(4-bromophenoxy)octyloxy-

Inchi: InChI=1S/C16H27BrO2Si/c1-4-5-6-7-8-9-14-18-20(2,3)19-16-12-10-15(17)11-13-16/h10-15
InchiKey: BGYUZHKLWEHEU-UHFFFAOYSA-N
Formula: C16H27BrO2Si
SMILES: CCCCCCO[Si](C)(C)Oc1ccc(Br)cc1
Mol. weight [g/mol]: 359.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.24		Crippen Method
logp	5.907		Crippen Method
rinpol	2038.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347112&Units=SI>

Legend

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

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<https://www.cheméo.com/cid/24-641-3/Silane-dimethyl-4-bromophenoxy-octyloxy.pdf>

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