

Silane, dimethyl(4-bromophenoxy)dodecyloxy-

Inchi: InChI=1S/C20H35BrO2Si/c1-4-5-6-7-8-9-10-11-12-13-18-22-24(2,3)23-20-16-14-19(21)1
InchiKey: XASSMZUPFGKRCG-UHFFFAOYSA-N
Formula: C20H35BrO2Si
SMILES: CCCCCCCCCCO[Si](C)(C)Oc1ccc(Br)cc1
Mol. weight [g/mol]: 415.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.92		Crippen Method
logp	7.467		Crippen Method
rinpol	2433.00		NIST Webbook
rinpol	2433.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347116&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

Latest version available from:

<https://www.cheméo.com/cid/77-589-4/Silane-dimethyl-4-bromophenoxy-dodecyloxy.pdf>

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