

Silane, dimethyl(4-bromophenoxy)decyloxy-

Inchi: InChI=1S/C18H31BrO2Si/c1-4-5-6-7-8-9-10-11-16-20-22(2,3)21-18-14-12-17(19)13-15-16
InchiKey: COPOJIKZKZAMRJ-UHFFFAOYSA-N
Formula: C18H31BrO2Si
SMILES: CCCCCCCCCO[Si](C)(C)Oc1ccc(Br)cc1
Mol. weight [g/mol]: 387.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.08		Crippen Method
logp	6.687		Crippen Method
rinpol	2230.00		NIST Webbook
rinpol	2230.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347114&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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.chemeo.com/cid/99-404-4/Silane-dimethyl-4-bromophenoxy-decyloxy.pdf>

Generated by Cheméo on 2024-04-19 21:54:08.890382081 +0000 UTC m=+15852897.810959408.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.