Silane, dimethyl(4-bromophenoxy)pentadecyloxy-

Inchi: InChI=1S/C23H41BrO2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-21-25-27(2,3)26-23-19-1

InchiKey: FIJMNVJNNVOYQB-UHFFFAOYSA-N

Formula: C23H41BrO2Si

SMILES: CCCCCCCCCCCCCCCO[Si](C)(C)Oc1ccc(Br)cc1

Mol. weight [g/mol]: 457.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.17		Crippen Method
logp	8.637		Crippen Method
rinpol	2741.00		NIST Webbook
rinpol	2741.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347117&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