

Silane, trimethyl[[p-(trimethylsiloxy)benzyl]oxy]-

Other names: Trimethyl((4-[(trimethylsilyl)oxy]benzyl)oxy)silane

Benzenemethanol, 4-hydroxy, bis-TMS

4-Hydroxybenzyl alcohol, 2tms derivative

Inchi: InChI=1S/C13H24O2Si2/c1-16(2,3)14-11-12-7-9-13(10-8-12)15-17(4,5)6/h7-10H,11H2,1

InchiKey: DGGHPZGBWFBBLY-UHFFFAOYSA-N

Formula: C13H24O2Si2

SMILES: C[Si](C)(C)OCc1ccc(O[Si](C)(C)C)cc1

Mol. weight [g/mol]: 268.50

CAS: 18401-58-6

Physical Properties

Property code	Value	Unit	Source
log10ws	0.25		Crippen Method
logp	4.252		Crippen Method
rinpol	1500.00		NIST Webbook
rinpol	1500.10		NIST Webbook

Sources

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

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C18401586&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/52-863-6/Silane-trimethyl-p-trimethylsiloxy-benzyl-oxy.pdf>

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