

Silane, trimethyl(phenylmethoxy)-

Other names:	Silane, (benzyloxy)trimethyl- (Benzyloxy)trimethylsilane Benzyl alcohol, TMS Benzyl alcohol, trimethylsilyl ether Benzyl alcohol, tms derivative
Inchi:	InChI=1S/C10H16OSi/c1-12(2,3)11-9-10-7-5-4-6-8-10/h4-8H,9H2,1-3H3
InchiKey:	AOKMFXQCRBQJOP-UHFFFAOYSA-N
Formula:	C10H16OSi
SMILES:	C[Si](C)(C)OCc1ccccc1
Mol. weight [g/mol]:	180.32
CAS:	14642-79-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.74		Crippen Method
logp	3.038		Crippen Method
rinpol	1153.00		NIST Webbook
rinpol	1156.00		NIST Webbook
rinpol	1132.00		NIST Webbook
rinpol	1150.90		NIST Webbook
rinpol	1153.00		NIST Webbook
rinpol	1150.90		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C14642796&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

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