

Silanol, methyldiphenyl-

Other names:	Diphenylmethylosilanol Silanol, diphenylmethyl- hydroxymethyldiphenylsilane
Inchi:	InChI=1S/C13H14OSi/c1-15(14,12-8-4-2-5-9-12)13-10-6-3-7-11-13/h2-11,14H,1H3
InchiKey:	MLPRTGXXQKWLDLDM-UHFFFAOYSA-N
Formula:	C13H14OSi
SMILES:	C[Si](O)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	214.34
CAS:	778-25-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.74		Crippen Method
logp	1.368		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C778256&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

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<https://www.cheméo.com/cid/39-041-3/Silanol-methyldiphenyl.pdf>

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