

Silanediol, diphenyl-

Other names:	Dihydroxydiphenylsilane Diphenyldihydroxysilane Diphenylsilanediol Silane, dihydroxydiphenyl- Difenyl-dihydroxysilan CD6150 Diphenylsilandiol D 6150 NSC 12561 Silanediol, 1,1-diphenyl-
Inchi:	InChI=1S/C12H12O2Si/c13-15(14,11-7-3-1-4-8-11)12-9-5-2-6-10-12/h1-10,13-14H
InchiKey:	OLLFKUHHDPMQFR-UHFFFAOYSA-N
Formula:	C12H12O2Si
SMILES:	O[Si](O)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	216.31
CAS:	947-42-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.17		Crippen Method
logp	0.228		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C947422&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

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<https://www.cheméo.com/cid/45-328-8/Silanediol-diphenyl.pdf>

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