

Silanol, triphenyl-

Other names:	Triphenylsilanol Hydroxytriphenylsilane Silane, (hydroxytriphenyl)- Triphenylhydroxysilane
Inchi:	InChI=1S/C18H16OSi/c19-20(16-10-4-1-5-11-16,17-12-6-2-7-13-17)18-14-8-3-9-15-18/h
InchiKey:	NLSXASIDNWDYMI-UHFFFAOYSA-N
Formula:	C18H16OSi
SMILES:	O[Si](c1ccccc1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	276.40
CAS:	791-31-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.92		Crippen Method
logp	1.646		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C791311&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

Latest version available from:

<https://www.chemeo.com/cid/59-319-3/Silanol-triphenyl.pdf>

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