

SILANOL, METHYLDIPHENYL-

Other names:	Diphenylmethylsilanol 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

Physical Properties

Property code	Value	Unit	Source
hvap	77.83	kJ/mol	Cheméo Relay (1.0)
ie	8.90	eV	Cheméo Relay (1.0)
logp	1.368		Crippen Method
tb	542.29	K	Cheméo Relay (1.0)
tf	326.37	K	Cheméo Relay (1.0)

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C778256&Units=SI

Legend

hvap:	Enthalpy of vaporization at standard conditions
ie:	Ionization energy
logp:	Octanol/Water partition coefficient
tb:	Normal Boiling Point Temperature

tf: Normal melting (fusion) point

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