Silane, trimethylphenoxy-

Other names:	O-(Trimethylsilyl)phenol
	Phenoxytrimethylsilane
	Trimethylphenoxysilane
	Trimethylsilyl phenyl ether
	Phenol trimethylsilyl ether
	(Trimethylsiloxy)benzene
	Phenyl trimethylsilyl ether
	Phenol, TMS
	Phenol, TMS ether
Inchi:	InChI=1S/C9H14OSi/c1-11(2,3)10-9-7-5-4-6-8-9/h4-8H,1-3H3
InchiKey:	OJAJJFGMKAZGRZ-UHFFFAOYSA-N
Formula:	C9H14OSi
SMILES:	C[Si](C)(C)Oc1ccccc1
Mol. weight [g/mol]:	166.29
CAS:	1529-17-5

Physical Properties

Property code	Value	Unit	Source
hvap	56.90 ± 0.80	kJ/mol	NIST Webbook
log10ws	-0.48		Crippen Method
logp	2.900		Crippen Method
rinpol	1058.00		NIST Webbook
rinpol	1051.00		NIST Webbook
rinpol	1051.00		NIST Webbook
rinpol	1053.00		NIST Webbook
rinpol	1053.00		NIST Webbook
rinpol	1038.00		NIST Webbook
rinpol	1039.00		NIST Webbook
rinpol	1039.00		NIST Webbook
rinpol	1041.00		NIST Webbook
rinpol	1046.00		NIST Webbook
rinpol	1046.00		NIST Webbook
rinpol	1052.00		NIST Webbook
rinpol	1053.00		NIST Webbook
rinpol	1057.00		NIST Webbook
rinpol	1056.00		NIST Webbook
rinpol	1057.00		NIST Webbook

rinpol	1056.00	NIST Webbook
rinpol	1055.00	NIST Webbook
rinpol	1055.00	NIST Webbook
rinpol	1039.00	NIST Webbook
rinpol	1033.00	NIST Webbook
rinpol	1043.00	NIST Webbook
rinpol	1039.00	NIST Webbook
rinpol	1056.00	NIST Webbook
rinpol	1055.00	NIST Webbook
rinpol	1037.00	NIST Webbook
rinpol	1055.00	NIST Webbook
rinpol	1058.00	NIST Webbook
rinpol	1055.00	NIST Webbook
rinpol	1053.00	NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C1529175&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hvap: Enthalpy of vaporization at standard conditions

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices