

Silane, ethenylethoxydimethyl-

Other names:	Silane, ethoxydimethylvinyl- Ethoxydimethylvinylsilane Dimethylethoxyvinylsilane Vinyl dimethylethoxysilane Dimethyl(ethenyl)silyloxyethane Dimethyl(vinyl)silyl ethyl ether
Inchi:	InChI=1S/C6H14OSi/c1-5-7-8(3,4)6-2/h6H,2,5H2,1,3-4H3
InchiKey:	JEWCZPTVOYXPGG-UHFFFAOYSA-N
Formula:	C6H14OSi
SMILES:	C=C[Si](C)(C)OCC
Mol. weight [g/mol]:	130.26
CAS:	5356-83-2

Physical Properties

Property code	Value	Unit	Source
log10ws	0.59		Crippen Method
logp	1.953		Crippen Method
rinpol	704.00		NIST Webbook
rinpol	704.00		NIST Webbook
tb	372.00	K	NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C5356832&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

rinpol: Non-polar retention indices
tb: Normal Boiling Point Temperature

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