

silicon disulphide

Other names:	Silicon sulfide
Inchi:	InChI=1S/S2Si/c1-3-2
InchiKey:	KHDSWONFYIAAPE-UHFFFAOYSA-N
Formula:	S2Si
SMILES:	S=[Si]=S
Mol. weight [g/mol]:	92.22
CAS:	13759-10-9

Physical Properties

Property code	Value	Unit	Source
log10ws	0.82		Crippen Method
logp	0.916		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C13759109&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/74-897-5/silicon-disulphide.pdf>

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