

Silane, [thiobis(methylene)]bis[thiomethyl-

Inchi: InChI=1S/C8H22SSi2/c1-10(2,3)7-9-8-11(4,5)6/h7-8H2,1-6H3
InchiKey: GISUCMFTNKRCPF-UHFFFAOYSA-N
Formula: C8H22SSi2
SMILES: C[Si](C)(C)CSC[Si](C)(C)C
Mol. weight [g/mol]: 206.50
CAS: 4712-51-0

Physical Properties

Property code	Value	Unit	Source
ie	7.60	eV	NIST Webbook
ie	8.03	eV	NIST Webbook
log10ws	1.83		Crippen Method
logp	3.474		Crippen Method

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C4712510&Units=SI>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/51-941-0/Silane-thiobis-methylene-bis-thiomethyl.pdf>

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