

Tri(isoselenocyanato)methyl silane

Inchi:	InChI=1S/C4H3N3Se3Si/c1-11(5-2-8,6-3-9)7-4-10/h1H3
InchiKey:	VAZMKLXVVJYSRG-UHFFFAOYSA-N
Formula:	C4H3N3Se3Si
SMILES:	C[Si](N=C=[SeH])(N=C=[SeH])N=C=[SeH]
Mol. weight [g/mol]:	358.05
CAS:	139254-91-4

Physical Properties

Property code	Value	Unit	Source
ie	9.50	eV	NIST Webbook
log10ws	9.74		Crippen Method
logp	-2.027		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C139254914&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/87-981-7/Tri-isoselenocyanato-methyl-silane.pdf>

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