

Tetramethyltetraselenafulvalene

Other names:	1,3-Diselenole, 2-(4,5-dimethyl-1,3-diselenol-2-ylidene)-4,5-dimethyl-4,4',5,5'-Tetramethyl-«DELTA»2,2'-bi-1,3-diselenole 1,3-Diselenole, 4,5-dimethyl-2-(4,5-dimethyl-1,3-diselenol-2-ylidene)-TMTSF
Inchi:	InChI=1S/C10H12Se4/c1-5-6(2)12-9(11-5)10-13-7(3)8(4)14-10/h1-4H3
InchiKey:	YMWLPMGFZYFLRP-UHFFFAOYSA-N
Formula:	C10H12Se4
SMILES:	<chem>CC1=C(C)[Se]C(=C2[Se]C(C)=C(C)[Se]2)[Se]1</chem>
Mol. weight [g/mol]:	448.04
CAS:	55259-49-9

Physical Properties

Property code	Value	Unit	Source
ie	6.58	eV	NIST Webbook
log10ws	5.79		Crippen Method
logp	1.460		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C55259499&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/75-551-7/Tetramethyltetraselenafulvalene.pdf>

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