

# 1,6-Diselenacyclodeca-3,8-diyne

<b>Inchi:</b>	InChI=1S/C8H8Se2/c1-2-6-10-8-4-3-7-9-5-1/h5-8H2
<b>InchiKey:</b>	IRCJVQWVHJWMEV-UHFFFAOYSA-N
<b>Formula:</b>	C8H8Se2
<b>SMILES:</b>	C1#CC[Se]CC#CC[Se]C1
<b>Mol. weight [g/mol]:</b>	262.07
<b>CAS:</b>	127793-18-4

## Physical Properties

Property code	Value	Unit	Source
ie	8.20	eV	NIST Webbook
ie	8.40	eV	NIST Webbook
log10ws	2.27		Crippen Method
logp	1.088		Crippen Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C127793184&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C127793184&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

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

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<https://www.chemeo.com/cid/18-894-0/1-6-Diselenacyclodeca-3-8-diyne.pdf>

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