

Phosphine, allyl diethoxy selenide

Inchi:	InChI=1S/C7H15O2PSe/c1-4-7-10(11,8-5-2)9-6-3/h4H,1,5-7H2,2-3H3
InchiKey:	WUDDCSQJEONKBO-UHFFFAOYSA-N
Formula:	C7H15O2PSe
SMILES:	C=CCP(=[Se])(OCC)OCC
Mol. weight [g/mol]:	241.13
CAS:	77659-30-4

Physical Properties

Property code	Value	Unit	Source
ie	7.70	eV	NIST Webbook
ie	8.40	eV	NIST Webbook
log10ws	3.67		Crippen Method
logp	2.176		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=C77659304&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/67-379-8/Phosphine-allyl-diethoxy-selenide.pdf>

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