

Triphenylphosphine selenide

Other names:	Phosphine selenide, triphenyl-
Inchi:	InChI=1S/C18H15PSe/c20-19(16-10-4-1-5-11-16,17-12-6-2-7-13-17)18-14-8-3-9-15-18/h
InchiKey:	ZFVJLNKVUKIPPI-UHFFFAOYSA-N
Formula:	C18H15PSe
SMILES:	[Se]=P(c1ccccc1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	341.25
CAS:	3878-44-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.39		Crippen Method
logp	3.064		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C3878442&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/73-793-1/Triphenylphosphine-selenide.pdf>

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