

Dibenzyl monoselenide

Other names:	Benzene, 1,1'-[selenobis(methylene)]bis-Benzyl selenide Dibenzyl selenide
Inchi:	InChI=1S/C14H14Se/c1-3-7-13(8-4-1)11-15-12-14-9-5-2-6-10-14/h1-10H,11-12H2
InchiKey:	DWZCRWXJKIEWDY-UHFFFAOYSA-N
Formula:	C14H14Se
SMILES:	<chem>c1ccc(C[Se]Cc2ccccc2)cc1</chem>
Mol. weight [g/mol]:	261.22
CAS:	1842-38-2

Physical Properties

Property code	Value	Unit	Source
ie	7.80	eV	NIST Webbook
ie	8.00	eV	NIST Webbook
ie	7.96	eV	NIST Webbook
log10ws	-1.60		Crippen Method
logp	3.091		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1842382&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

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<https://www.cheméo.com/cid/40-532-6/Dibenzyl-monoselenide.pdf>

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