

Chlorodiphenylarsine

Other names:	Diphenyl chloroarsine Arsinous chloride, diphenyl- Arsine, chlorodiphenyl Blue cross Chlor-difenylarsin Clark I DA Difenylchlorarsin Diphenylchloorarsine Sneezing gas UN 1699 Clark 1 Diphenylarsenic chloride
Inchi:	InChI=1S/C12H10AsCl/c14-13(11-7-3-1-4-8-11)12-9-5-2-6-10-12/h1-10H
InchiKey:	YHHKGGKCOLGRKKB-UHFFFAOYSA-N
Formula:	C12H10AsCl
SMILES:	Cl[As](c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	264.58
CAS:	712-48-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.25		Crippen Method
logp	2.031		Crippen Method
rinpola	1734.00		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C712481&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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