

Ethyldichloroarsine

Other names:	Arsonous dichloride, ethyl-Arsine, dichloroethyl-Arsenic dichloroethane Dichloroethylarsine DICK ED Ethyldichlorarsine TL 214 UN 1892 DICK (german) Ethylarsonous dichloride Arsonous dichloride, As-ethyl-
Inchi:	InChI=1S/C2H5AsCl2/c1-2-3(4)5/h2H2,1H3
InchiKey:	LQSFEOMOHFPNEB-UHFFFAOYSA-N
Formula:	C2H5AsCl2
SMILES:	CC[As](Cl)Cl
Mol. weight [g/mol]:	174.89
CAS:	598-14-1

Physical Properties

Property code	Value	Unit	Source
log10ws	0.37		Crippen Method
logp	1.972		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C598141&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/77-906-1/Ethyldichloroarsine.pdf>

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