

Ethyl dichloroarsine

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

Physical Properties

Property code	Value	Unit	Source
logp	1.972		Crippen Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	44.60	kJ/mol	313.00	NIST Webbook

Sources

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C598141&Units=SI>

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method:

https://www.chemeo.com/doc/models/crippen_log10ws

Cheméo Relay (1.0):

Legend

hvapt: Enthalpy of vaporization at a given temperature

logp: Octanol/Water partition coefficient

Latest version available from:

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

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