1,1-Dichloro-2,2-di(2-chloroethenyl)diarsine

Other names: (ClCH=CH)2As-AsCl2
Inchi: InChI=1S/C4H4As2Cl4/c7-3-1-5(2-4-8)6(9)10/h1-4H/b3-1+,4-2+
InchiKey: BDPYSGOUNGFLSB-ZPUQHVIOSA-N
Formula: C4H4As2Cl4
SMILES: ClC=C[As](C=CCl)[As](Cl)Cl
Mol. weight [g/mol]: 343.73

Physical Properties

Property code	Value	Unit	Source
log10ws	0.67		Crippen Method
logp	3.109		Crippen Method
rinpol	1729.00		NIST Webbook
rinpol	1729.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U360304&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