

triclofos

Inchi:	InChI=1S/C2H4Cl3O4P/c3-2(4,5)1-9-10(6,7)8/h1H2,(H2,6,7,8)
InchiKey:	YYQRGCZGSFRBAM-UHFFFAOYSA-N
Formula:	C2H4Cl3O4P
SMILES:	O=P(O)(O)OCC(Cl)(Cl)Cl
Mol. weight [g/mol]:	229.38
CAS:	306-52-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.10		Crippen Method
logp	1.466		Crippen Method
mcvol	119.700	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C306525&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/102-709-1/triclofos.pdf>

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