

Cymoxanil

Other names:	Curzate
	2-Cyano-N-((ethylamino)carbonyl)-2-(methoxyimino)-acetamide
	DPX 3217
	DPX 3217M
	1-(2-Cyano-2-methoxyiminoacetyl)-3-ethylurea
Inchi:	Cymoxanil
InchiKey:	InChI=1S/C7H10N4O3/c1-3-9-7(13)10-6(12)5(4-8)11-14-2/h3H2,1-2H3,(H2,9,10,12,13)
InchiKey:	XERJKGMBORTKEO-UHFFFAOYSA-N
Formula:	C7H10N4O3
SMILES:	CCNC(=O)NC(=O)C(C#N)=NOC
Mol. weight [g/mol]:	198.18

Physical Properties

Property code	Value	Unit	Source
logp	-0.642		Crippen Method
mcvol	145.520	ml/mol	McGowan Method

Sources

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C57966957&Units=SI>

Joback Method: https://en.wikipedia.org/wiki/Joback_method

McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>

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

logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/20-674-1/Cymoxanil.pdf>

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