

Carbamic acid, dimethyl-, 2-(formylmethylamino)-5,6-dimethyl-4-pyrimidinyl ester

Other names:	Carbamic acid, dimethyl-, ester with N-(4-hydroxy-5,6-dimethyl-2-pyrimidinyl)-N-methylformamide 2-[Formyl(methylamino)-5,6-dimethyl-4-pyrimidinyl dimethylcarbamate Pirimidin-4-ol, 2-formylmethylamino, 5,6-dimethyl, N,N-dimethylcarbamate Pirimicarb II
Inchi:	InChI=1S/C11H16N4O3/c1-7-8(2)12-10(15(5)6-16)13-9(7)18-11(17)14(3)4/h6H,1-5H3
InchiKey:	GDEAMEURJBBCOQ-UHFFFAOYSA-N
Formula:	C11H16N4O3
SMILES:	Cc1nc(N(C)C=O)nc(OC(=O)N(C)C)c1C
Mol. weight [g/mol]:	252.27
CAS:	27218-04-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.92		Crippen Method
logp	0.746		Crippen Method
mcvol	191.020	ml/mol	McGowan Method
tf	353.52 ± 0.20	K	NIST Webbook

Sources

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=C27218048&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tf:	Normal melting (fusion) point

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