

Isolan

Other names:	Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1H-pyrazol-5-yl ester Carbamic acid, dimethyl-, 1-isopropyl-3-methylpyrazol-5-yl ester ENT 19,060 G 23611 Saolan 1-Isopropyl-3-methylpyrazol-5-yl dimethylcarbamate (1-Isopropil-3-metil-1H-pirazol-5-il)-N,N-dimetil-carbammato (1-Isopropyl-3-methyl-1H-pyrazol-5-yl)-N,N-dimethyl-carbamat (1-Isopropyl-3-methyl-1H-pyrazol-5-yl)-N,N-dimethylcarbamaat Dimethyl-5-(1-isopropyl-3-methyl-pyrazolyl)-carbamate Dimethylcarbamate d'L-isopropyl 3-methyl 5-pyrazolyle Isolane Isopropylmethylpyrazolyl dimethylcarbamate Primin Pyrazol-5-ol, 1-isopropyl-3-methyl-, dimethylcarbamate 1-Isopropyl-3-methyl-5-pyrazolyl dimethylcarbamate 5-Methyl-2-isopropyl-3-pyrazolyl dimethylcarbamate Dimethylcarbamic acid 3-methyl-1-(1-methylethyl)-1H-pyrazol-5-yl ester GEIGY G-23611 1-Isopropyl-3-methylpyrazolyl-(5)-dimethylcarbamate 1-Isopropyl-3-methyl-5-pyrazolylester kyseliny dimethylkarbaminove OMS 62 Isolan (pesticide) NSC 406375
Inchi:	InChI=1S/C10H17N3O2/c1-7(2)13-9(6-8(3)11-13)15-10(14)12(4)5/h6-7H,1-5H3
InchiKey:	RNNBHZYEKHHLKT-UHFFFAOYSA-N
Formula:	C10H17N3O2
SMILES:	<chem>Cc1cc(OC(=O)N(C)C)n(C(C)C)n1</chem>
Mol. weight [g/mol]:	211.26
CAS:	119-38-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.64		Crippen Method
logp	1.833		Crippen Method
mccvol	169.680	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C119380&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

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