

Ferimzone

Other names:	Ethanone, 1-(2-methylphenyl)-, 2-(4,6-dimethyl-2-pyrimidinyl)hydrazone, (1Z)-
Inchi:	InChI=1S/C15H18N4/c1-10-7-5-6-8-14(10)13(4)18-19-15-16-11(2)9-12(3)17-15/h5-9H,1-
InchiKey:	GOWLARCWZRESHU-UHFFFAOYSA-N
Formula:	C15H18N4
SMILES:	CC(=NN=c1nc(C)cc(C)[nH]1)c1cccc1C
Mol. weight [g/mol]:	254.33
CAS:	89269-64-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.83		Crippen Method
logp	2.178		Crippen Method
mcvol	210.310	ml/mol	McGowan Method
rinpol	2133.70		NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C89269647&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
rinpol:	Non-polar retention indices

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<https://www.chemeo.com/cid/37-851-6/Ferimzone.pdf>

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