

# Morazone

<b>Other names:</b>	3H-Pyrazol-3-one, 1,2-dihydro-1,5-dimethyl-4-[(3-methyl-2-phenyl-4-morpholinyl)methyl]-2-phenyl- Antipyrine, 4-((3-methyl-2-phenylmorpholino)methyl)- Novartrina Orsimon R 445 Tarugan 3-Pyrazolin-5-one, 2,3-dimethyl-4-(3-methyl-2-phenylmorpholino)methyl-1-phenyl- 4-(2'-Phenyl-3'-methylmorpholinomethyl)-1-phenyl-2,3-dimethyl-3-pyrazoline-5-one 4-((3-Methyl-2-phenylmorpholino)methyl)antipyrine 4-[(3-Methyl-2-phenyl-4-morpholino)methyl]antipyrine NSC 292156
<b>Inchi:</b>	InChI=1S/C23H27N3O2/c1-17-21(23(27)26(24(17)3)20-12-8-5-9-13-20)16-25-14-15-28-2
<b>InchiKey:</b>	OOGNFQMTGRZRAB-UHFFFAOYSA-N
<b>Formula:</b>	C23H27N3O2
<b>SMILES:</b>	<chem>Cc1c(CN2CCOC(c3cccc3)C2C)c(=O)n(-c2cccc2)n1C</chem>
<b>Mol. weight [g/mol]:</b>	377.48
<b>CAS:</b>	6536-18-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.02		Crippen Method
logp	3.446		Crippen Method
mcvol	298.770	ml/mol	McGowan Method

## Sources

<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C6536181&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C6536181&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

# Legend

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

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