

# Nuarimol

**Other names:**

5-Pyrimidinemethanol, «alpha»-(2-chlorophenyl)-«alpha»-(4-fluorophenyl)-  
«alpha»-(2-Chlorophenyl)-«alpha»-(4-fluorophenyl)-5-pyrimidinemethanol  
(./-.)-2-Chloro-4'-fluoro-«alpha»-(pyrimidin-5-yl)benzhydryl alcohol  
2-Chloro-4'-fluoro-«alpha»-(pyrimidin-5-yl)benzhydryl alcohol  
2-Chloro-4'-fluoro-«alpha»-(pyrimidin-5-yl)diphenylmethanol  
EL 228  
EL 2289  
Guantlet  
Murox  
Trimidal  
Trimifruit SC  
Triminol  
Gauntlet  
Tridal  
(./-.)-Nuarimol

**Inchi:** InChI=1S/C17H12ClFN2O/c18-16-4-2-1-3-15(16)17(22,13-9-20-11-21-10-13)12-5-7-14(15)  
**InchiKey:** SAPGTCDSBGMXCD-UHFFFAOYSA-N  
**Formula:** C17H12ClFN2O  
**SMILES:** OC(c1ccc(F)cc1)(c1cncnc1)c1ccccc1Cl  
**Mol. weight [g/mol]:** 314.74  
**CAS:** 63284-71-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.27		Crippen Method
logp	3.553		Crippen Method
mcvol	218.950	ml/mol	McGowan Method
rinpol	2370.00		NIST Webbook
rinpol	2382.00		NIST Webbook
rinpol	2370.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](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=C63284719&Units=SI>

## 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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