

# Furalaxyl

**Other names:**

DL-Alanine, N-(2,6-dimethylphenyl)-N-(2-furanylcarbonyl)-, methyl ester  
CGA-38140  
Fonganil  
Fongarid  
Methyl N-(2,6-dimethylphenyl)-N-(2-furanylcarbonyl)-dl-alanine  
Alanine, N-(2-furoyl)-N-(2,6-xylyl)-, methyl ester, dl-  
A 5430  
Fongaride  
methyl N-(2,6-dimethylphenyl)-N-(2-furylcarbonyl)-DL-alaninate  
InChI=1S/C17H19NO4/c1-11-7-5-8-12(2)15(11)18(13(3)17(20)21-4)16(19)14-9-6-10-22-  
InChIKey: CIEXPHRYOLIQQD-UHFFFAOYSA-N  
Formula: C17H19NO4  
SMILES: COC(=O)C(C)N(C(=O)c1ccco1)c1c(C)cccc1C  
Mol. weight [g/mol]: 301.34  
CAS: 57646-30-7

**Inchi:****InchiKey:****Formula:****SMILES:****Mol. weight [g/mol]:****CAS:**

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.26		Crippen Method
logp	3.105		Crippen Method
mcvol	232.030	ml/mol	McGowan Method

## 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=C57646307&Units=SI>

## Legend

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

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