

Furmecyclox

Other names:

3-Furancarboxamide, N-cyclohexyl-N-methoxy-2,5-dimethyl-
BAS 389
BAS 389F
Campogran
N-Cyclohexyl-N-methoxy-2,5-dimethyl-3-furancarboxamide
Furmetamide
GUS 215
Methyl N-cyclohexyl-2,5-dimethylfuran-3-carbohydroxamate
Xyligen B
N-cyclohexyl-N-methoxy-2,5-dimethyl-3-furamide

Inchi: InChI=1S/C14H21NO3/c1-10-9-13(11(2)18-10)14(16)15(17-3)12-7-5-4-6-8-12/h9,12H,4-**InchiKey:** QTDRLOKFLJJHTG-UHFFFAOYSA-N**Formula:** C14H21NO3**SMILES:** CON(C(=O)c1cc(C)oc1C)C1CCCCC1**Mol. weight [g/mol]:** 251.32**CAS:** 60568-05-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.48		Crippen Method
logp	3.233		Crippen Method
mcvol	201.090	ml/mol	McGowan Method

Sources

Crippen Method: 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=C60568050&Units=SI>**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

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

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