

Maleimide, n-(2,6-xylyl)-

Other names:	1H-Pyrrole-2,5-dione, 1-(2,6-dimethylphenyl)- 1-(2,6-dimethylphenyl)-1H-pyrrole-2,5-dione
Inchi:	InChI=1S/C12H11NO2/c1-8-4-3-5-9(2)12(8)13-10(14)6-7-11(13)15/h3-7H,1-2H3
InchiKey:	VMDQUQBEIFMAIC-UHFFFAOYSA-N
Formula:	C12H11NO2
SMILES:	<chem>Cc1cccc(C)c1N1C(=O)C=CC1=O</chem>
Mol. weight [g/mol]:	201.22
CAS:	1206-49-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.47		Crippen Method
logp	1.733		Crippen Method
mvol	154.140	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1206491&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/61-591-8/Maleimide-n-2-6-xylyl.pdf>

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