

N-(2-Chlorophenyl)-maleimide

Other names:	1H-Pyrrole-2,5-dione, 1-(2-chlorophenyl)- Maleimide, N-(o-chlorophenyl)- N-o-Chlorophenylmaleimide o-Chlorophenylmaleimide 1-(2-Chlorophenyl)-1H-pyrrole-2,5-dione O-Chphm
Inchi:	InChI=1S/C10H6ClNO2/c11-7-3-1-2-4-8(7)12-9(13)5-6-10(12)14/h1-6H
InchiKey:	KPQOXMCRYWDRSB-UHFFFAOYSA-N
Formula:	C10H6ClNO2
SMILES:	O=C1C=CC(=O)N1c1ccccc1Cl
Mol. weight [g/mol]:	207.61
CAS:	1203-24-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.20		Crippen Method
logp	1.769		Crippen Method
mcvol	138.200	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1203243&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

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

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