

N-(4-Ethylphenyl)maleimide

Other names:	1-(4-Ethylphenyl)-2,5-dihydro-1H-pyrrole-2,5-dione
Inchi:	InChI=1S/C12H11NO2/c1-2-9-3-5-10(6-4-9)13-11(14)7-8-12(13)15/h3-8H,2H2,1H3
InchiKey:	FHVHFKZQDVQILM-UHFFFAOYSA-N
Formula:	C12H11NO2
SMILES:	CCc1ccc(N2C(=O)C=CC2=O)cc1
Mol. weight [g/mol]:	201.22
CAS:	76620-00-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.32		Crippen Method
logp	1.678		Crippen Method
mcvol	154.140	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C76620003&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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