

Maleimide, n-p-iodophenyl-

Inchi:	InChI=1S/C10H6INO2/c11-7-1-3-8(4-2-7)12-9(13)5-6-10(12)14/h1-6H
InchiKey:	GIXQASIEVHMYQH-UHFFFAOYSA-N
Formula:	C10H6INO2
SMILES:	O=C1C=CC(=O)N1c1ccc(I)cc1
Mol. weight [g/mol]:	299.06
CAS:	65833-01-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.66		Crippen Method
logp	1.721		Crippen Method
mcvol	151.780	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C65833014&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

Latest version available from:

<https://www.chemeo.com/cid/41-541-5/Maleimide-n-p-iodophenyl.pdf>

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