1H-Isoindole-1,3(2H)-dione, 2-ethenyl-

Other names:	N-Vinylphthalimide
	Phthalimide, N-vinyl-
	2-Ethenyl-1H-isoindole-1,3(2H)-dione
Inchi:	InChI=1S/C10H7NO2/c1-2-11-9(12)7-5-3-4-6-8(7)10(11)13/h2-6H,1H2
InchiKey:	IGDLZDCWMRPMGL-UHFFFAOYSA-N
Formula:	C10H7NO2
SMILES:	C=CN1C(=O)c2ccccc2C1=O
Mol. weight [g/mol]:	173.17
CAS:	3485-84-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.60		Crippen Method
logp	1.426		Crippen Method
mcvol	125.960	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C3485845&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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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