

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

Other names:	N-(2-Hydroxyethyl)phthalimide
	N-(«beta»-Hydroxyethyl)phthalimide
	N-Hydroxyethylphthalimide
	Phthalimide, N-(2-hydroxyethyl)-
	2-Hydroxyethylphthalimide
	2-Phthalimidoethanol
	2-(2-Hydroxyethyl)-1H-isoindole-1,3(2H)-dione
	NSC 2773
Inchi:	NSC 50624
	InChI=1S/C10H9NO3/c12-6-5-11-9(13)7-3-1-2-4-8(7)10(11)14/h1-4,12H,5-6H2
	InchiKey:
	MWFLUYFYHANMCM-UHFFFAOYSA-N
	Formula:
	C10H9NO3
	SMILES:
	O=C1c2cccc2C(=O)N1CCO
Mol. weight [g/mol]:	191.18
CAS:	3891-07-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.51		Crippen Method
logp	0.275		Crippen Method
mcvol	136.130	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C3891074&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
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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