

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

Other names:	Phthalimide, N-(hydroxymethyl)-
	N-(Hydroxymethyl)phthalimide
	N-Methylolphthalimide
	Phthalimidomethyl alcohol
	Oxymethyl phthalimide
	(Hydroxymethyl)phthalimide
	2-Hydroxymethyl-isoindole-1,3-dione
	Phthalimidomethanol
	NSC 27350
Inchi:	InChI=1S/C9H7NO3/c11-5-10-8(12)6-3-1-2-4-7(6)9(10)13/h1-4,11H,5H2
InchiKey:	MNSGOOCAMMSKGI-UHFFFAOYSA-N
Formula:	C9H7NO3
SMILES:	O=C1c2ccccc2C(=O)N1CO
Mol. weight [g/mol]:	177.16
CAS:	118-29-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.59		Crippen Method
logp	0.232		Crippen Method
mcvol	122.040	ml/mol	McGowan Method

Sources

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
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C118296&Units=SI

Legend

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

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