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

Other names:	N-(2-Bromoethyl)phthalimide
	«beta»-Bromoethylphthalimide
	2-(Bromoethyl)phthalimide
	1-Bromo-2-phthalimidoethane
	Phthalimide, N-(2-bromoethyl)-
	«beta»-Phthalimidoethyl bromide
	N-Bromoethylphthalimide
	beta-Phthalimidoethyl bromide
	2-(2-Bromoethyl)phthalimide
	2-Phthalimidoethyl bromide
	N-(«beta»-Bromoethyl)phthalimide
	2-(2-Bromo-ethyl)-isoindole-1,3-dione
	N-(beta-Bromoethyl)phthalimide
	NSC 2688
Inchi:	InChI=1S/C10H8BrNO2/c11-5-6-12-9(13)7-3-1-2-4-8(7)10(12)14/h1-4H,5-6H2
InchiKey:	CHZXTOCAICMPQR-UHFFFAOYSA-N
Formula:	C10H8BrNO2
SMILES:	O=C1c2ccccc2C(=O)N1CCBr
Mol. weight [g/mol]:	254.08
CAS:	574-98-1

Physical Properties

Property code	Value	Unit	Source
hsub	108.70 ± 1.00	kJ/mol	NIST Webbook
log10ws	-2.68		Crippen Method
logp	1.677		Crippen Method
mcvol	147.760	ml/mol	McGowan Method

Sources

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=C574981&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hsub:	Enthalpy of sublimation at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume