

N-(6-Bromohexyl)phthalimide

Inchi:	InChI=1S/C14H16BrNO2/c15-9-5-1-2-6-10-16-13(17)11-7-3-4-8-12(11)14(16)18/h3-4,7-8
InchiKey:	OAZFTIPKNPTDIO-UHFFFAOYSA-N
Formula:	C14H16BrNO2
SMILES:	O=C1c2ccccc2C(=O)N1CCCCCBr
Mol. weight [g/mol]:	310.19
CAS:	24566-79-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.35		Crippen Method
logp	3.238		Crippen Method
mcvol	204.120	ml/mol	McGowan Method

Sources

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
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C24566798&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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<https://www.chemeo.com/cid/116-828-4/N-6-Bromohexyl-phthalimide.pdf>

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