

N'-phenyl-2-furohydrazide

Inchi:	InChI=1S/C11H10N2O2/c14-11(10-7-4-8-15-10)13-12-9-5-2-1-3-6-9/h1-8,12H,(H,13,14)
InchiKey:	XIWZEKJVWFQUFB-UHFFFAOYSA-N
Formula:	C11H10N2O2
SMILES:	O=C(NNc1ccccc1)c1ccco1
Mol. weight [g/mol]:	202.21
CAS:	36668-18-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.36		Crippen Method
logp	2.036		Crippen Method
mcvol	150.030	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=C36668185&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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