

Hydralazine

Other names:	1(2H)-Phthalazinone, hydrazone Apresolin Apresoline Apressin Aprezolin Ba 5968 C-5068 C-5968 Ciba 5968 Hidralazin Hipoftalin Hydralazin Hydrallazine Hydrazinophthalazine Hypophthalin Phthalazine, 1-hydrazino- 1-Hydrazinophthalazine Hidralazina ldralazina 1-Phthalazinylhydrazine Apressin (pharmaceutical) NSC 126699
Inchi:	InChI=1S/C8H8N4/c9-11-8-7-4-2-1-3-6(7)5-10-12-8/h1-5H,9H2,(H,11,12)
InchiKey:	RPTUSVTUFVMDQK-UHFFFAOYSA-N
Formula:	C8H8N4
SMILES:	<chem>NN=c1[nH]ncc2ccccc12</chem>
Mol. weight [g/mol]:	160.18
CAS:	86-54-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.93		Crippen Method
logp	-0.145		Crippen Method
mcvol	120.280	ml/mol	McGowan Method
rinpol	1530.00		NIST Webbook
rinpol	1528.00		NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C86544&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices

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