Amiphenazole

Other names:	2,4-Thiazolediamine, 5-phenyl-
	Thiazole, 2,4-diamino-5-phenyl-
	Amifenazol
	Amiphenazol
	Daftazol
	DAPT
	Daptazile
	Daptazole
	DHA-245
	2,4-Diamino-5-phenylthiazole
	Dizol
	Fenamizol
	Phenamizol
	Phenamizole
	5-Phenyl-2,4-thiazolediamine
Inchi:	InChI=1S/C9H9N3S/c10-8-7(13-9(11)12-8)6-4-2-1-3-5-6/h1-5H,10H2,(H2,11,12)
InchiKey:	UPOYFZYFGWBUKL-UHFFFAOYSA-N
Formula:	C9H9N3S
SMILES:	Nc1nc(N)c(-c2ccccc2)s1
Mol. weight [g/mol]:	191.25
CAS:	490-55-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.87		Crippen Method
logp	1.974		Crippen Method
mcvol	140.740	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C490551&Units=SI
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

Legend

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

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