Thiazole, 2-amino-4-(p-methoxyphenyl)-

Other names:	2-Amino-4-(p-methoxyphenyl)thiazole
	2-Amino-4-(4-methoxyphenyl)thiazole
	4-(4-Methoxyphenyl)-2-thiazolamine
	2-Thiazolamine, 4-(4-methoxyphenyl)-
	Thiazol-2-amine, 4-(4-methoxyphenyl)-
	4-(4-Methoxyphenyl)-1,3-thiazol-2-amine
Inchi:	InChI=1S/C10H10N2OS/c1-13-8-4-2-7(3-5-8)9-6-14-10(11)12-9/h2-6H,1H3,(H2,11,12)
InchiKey:	YPVVEXKDPBRGIK-UHFFFAOYSA-N
Formula:	C10H10N2OS
SMILES:	COc1ccc(-c2csc(N)n2)cc1
Mol. weight [g/mol]:	206.26
CAS:	2104-04-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.35		Crippen Method
logp	2.401		Crippen Method
mcvol	150.720	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C2104043&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