

Thiazole, 2-amino-4-(4-biphenylyl)-

Other names:	2-Amino-4-(4-biphenylyl)thiazole USAF EK-4373 2-Thiazolamine, 4-[1,1'-biphenyl]-4-yl- 4-(1,1'-Biphenyl-4-yl)thiazole-2-amine 2-Amino-4-(4-biphenyl)thiazole 2-Amino-4-(p-diphenyl)thiazole
Inchi:	InChI=1S/C15H12N2S/c16-15-17-14(10-18-15)13-8-6-12(7-9-13)11-4-2-1-3-5-11/h1-10H
InchiKey:	HTAUVJPDFDVVHV-UHFFFAOYSA-N
Formula:	C15H12N2S
SMILES:	<chem>Nc1nc(-c2ccc(-c3ccccc3)cc2)cs1</chem>
Mol. weight [g/mol]:	252.33
CAS:	2834-79-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.83		Crippen Method
logp	4.059		Crippen Method
mcvol	191.540	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=C2834799&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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