

[6H]thiazolo[5,4-d]pyrimidine-7-thione, 5-amino-

Inchi:	InChI=1S/C5H4N4S2/c6-5-8-3(10)2-4(9-5)11-1-7-2/h1H,(H3,6,8,9,10)
InchiKey:	YECTYBAHWAFJGO-UHFFFAOYSA-N
Formula:	C5H4N4S2
SMILES:	<chem>N=c1nc2scnc2c(S)[nH]1</chem>
Mol. weight [g/mol]:	184.24

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.29		Crippen Method
logp	0.306		Crippen Method
mcvol	115.010	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=B6010413&Units=SI
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

Legend

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

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