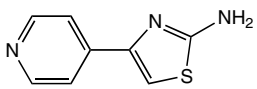
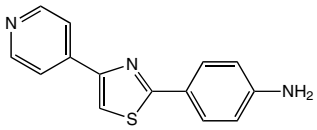
# Pyridylthiazoles

Pyridylthiazole compounds have found use in a variety of diverse applications from highly luminescent heterocyclic compounds[1] to potential antiulcer drugs,[2] to the formation of double and triple helicates with Cu(II),[3] to the mesoscopically ordered pH-responsive hybrid materials.[4] Moreover, their structural motifs can be found in thiopeptide antibiotics such as Amythiamicin D.[5] A number of new pyridylthiazole derivatives are now available through Alfa Aesar, and many have already been extensively cited in scientific literature.

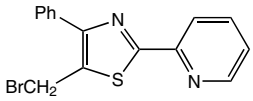
Clariant has patented the use of thiazolyl-pyridinium based dyes in optical layers for optical data recording which includes the use of H51754.[6] A series of potent, orally active antiallergy agents have involved H52238.[7] Researchers from Italy have been able to react H51851 or B20457 with either Zn(II), Co (II) or Cu(II) salts to form coordination complexes with assorted geometry at the metal centers.[8] Alfa Aesar has expanded its comprehensive range of pyridylthiazole derivatives with the following products.



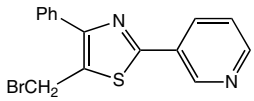
**H52238**
2-Amino-4-(4-pyridyl)-thiazole,97%



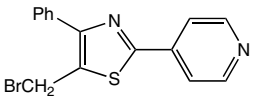
**H52250**
2-(4-Aminophenyl)-4-(4-pyridyl)thiazole, 97%



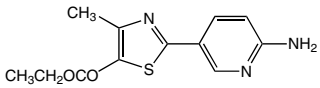
**H51772**
5-Bromomethyl-4-phenyl-2-(2-pyridyl)thiazole, 97%



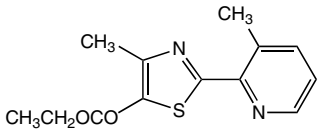
**H51779**
5-Bromomethyl-4-phenyl-2-(3-pyridyl)thiazole, 97%



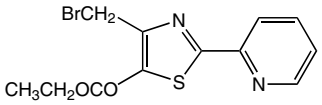
**H51791**
5-Bromomethyl-4-phenyl-2-(4-pyridyl)thiazole, 97%



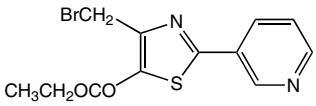
**H51842**
Ethyl 2-(2-amino-5-pyridyl)-4-methylthiazole-5-carboxylate, 97%



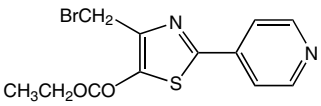
**H52244**
Ethyl 2-(3-methyl-2-pyridyl)-4-methylthiazole-5-carboxylate, 97%



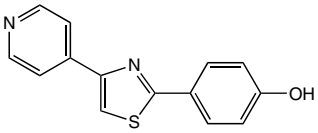
**H51727**
Ethyl 4-bromomethyl-2-(2-pyridyl)thiazole-5-carboxylate, 97%



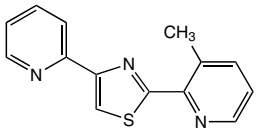
**H51811**
Ethyl 4-bromomethyl-2-(3-pyridyl)thiazole-5-carboxylate, 95%



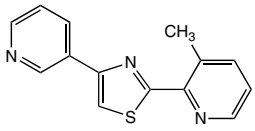
**H51817**
Ethyl 4-bromomethyl-2-(4-pyridyl)thiazole-5-carboxylate, 95%



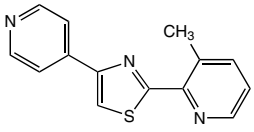
**H52229**
2-(4-Hydroxyphenyl)-4-(4-pyridyl)thiazole, 97%



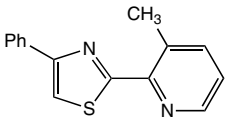
**H52150**
2-(3-Methyl-2-pyridyl)-4-(2-pyridyl)thiazole, 97%



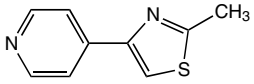
**H52230**
2-(3-Methyl-2-pyridyl)-4-(3-pyridyl)thiazole, 97%



**H52242**
2-(3-Methyl-2-pyridyl)-4-(4-pyridyl)thiazole, 97%



**H52158**
2-(3-Methyl-2-pyridyl)-4-phenylthiazole, 97%



**H52155**
2-Methyl-4-(4-pyridyl)thiazole, 97%

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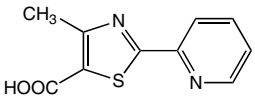
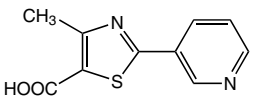
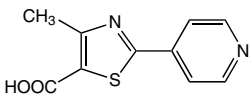


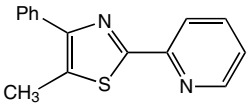
**H51711**
4-Methyl-2-(2-pyridyl)thiazole-5-carboxylic acid, 97%
[34418-48-9]



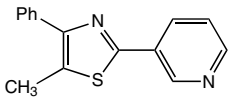
**H51723**
4-Methyl-2-(3-pyridyl)thiazole-5-carboxylic acid, 97%
[39091-01-5]



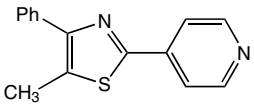
**H51753**
4-Methyl-2-(4-pyridyl)thiazole-5-carboxylic acid, 97+%
[144060-98-0]



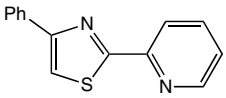
**H51777**
5-Methyl-4-phenyl-2-(2-pyridyl) thiazole, 97%



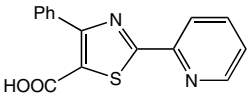
**H51784**
5-Methyl-4-phenyl-2-(3-pyridyl) thiazole, 97%



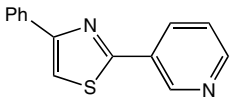
**H51787**
5-Methyl-4-phenyl-2-(4-pyridyl) thiazole, 97%



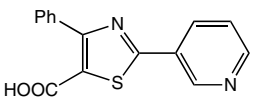
**H51731**
4-Phenyl-2-(2-pyridyl)thiazole, 97%
[14384-67-9]



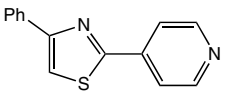
**H51850**
4-Phenyl-2-(2-pyridyl)thiazole-5-carboxylic acid, 97%



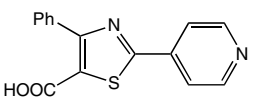
**H51748**
4-Phenyl-2-(3-pyridyl)thiazole, 97%
[70031-86-6]



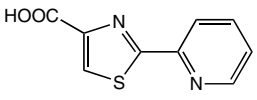
**H51819**
4-Phenyl-2-(3-pyridyl)thiazole-5-carboxylic acid, 97%



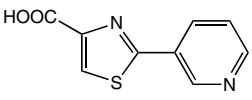
**H51754**
4-Phenyl-2-(4-pyridyl)thiazole, 97%
[106950-18-9]



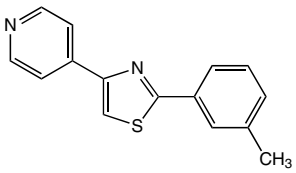
**H51826**
4-Phenyl-2-(4-pyridyl)thiazole-5-carboxylic acid, 97%



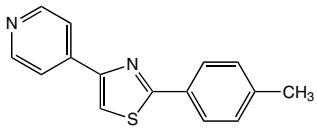
**H51851**
2-(2-Pyridyl)thiazole-4-carboxylic acid, 97%



**H51838**
2-(3-Pyridyl)thiazole-4-carboxylic acid, 97%
[39067-29-3]



**H52233**
4-(4-Pyridyl)-2-(m-tolyl)-thiazole, 97%



**H52138**
4-(4-Pyridyl)-2-(p-tolyl)thiazole, 97%


[1]U. W. Grummt, D. Weiss E. Birckner, R. Beckert., *J Phys. Chem. A.*, 2007, **111**, 1104.
[2]Y. Katsura, Y. Inoue, T. Tomishi, H. Ishikawa, & Hi. Takasugi, *J. Med. Chem.,* 1994, **37**, 57.
[3]C. R. Rice, S. Wörl, J. C. Jeffery, R. L. Paul & M. D. Ward, *Chem. Commun.*, 2000, 1529.
[4]L.-L. Li, C.-J. Fang, H. Sun & C.-H. Yan, *Chem. Mater.*, 2008, **20**, 5977.
[5]R. A, Hughes, S. P. Thompson, L. Alcaraz, & C. J. Moody, *J. Am. Chem. Soc.* 2005, **127**,15644.
[6]Clariant International LTD Patent: WO2006/24642 A1, 2006
[7]K. D. Hargrave, F. K. Hess, & J. T. Oliver, *J. Med. Chem.*, 1983, **26**,1158.
[8]A. Rossin, B. D. Credico, G. Giambastiani, L. Gonsalvi, M. Peruzzini, & G. Reginato, *Euro. J. Inorg. Chem.*, 2011, 539.