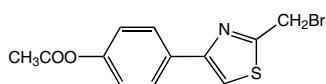


# Phenyl and Substituted Phenylthiazoles

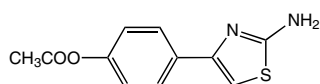
Phenyl and substituted phenylthiazoles are common features of a wide range of biologically active natural products.<sup>1</sup> For example, studies have shown thiazole analogues to be potent and orally bioavailable anticancer agents,<sup>2</sup> antiviral agents for the inhibition of hepatitis B virus replication,<sup>3</sup> and nitazoxanide is widely used as an antiparasitic agent.<sup>4</sup> A number of new phenylthiazoles are now available through Alfa Aesar, and many have already been extensively cited in scientific literature.

Products derived from H52159 have found use as potential FBPase inhibitors for diabetes<sup>5</sup>, or for agonists of the CB2 receptor, and are useful for treating inflammation.<sup>6</sup> H52223 and other phenylthiazole analogues were used in the synthesis of a series of potent HDLC raising agents for the treatment of diseases of lipid imbalance.<sup>7</sup> Alfa Aesar has expanded its comprehensive range of phenylthiazoles with the following products.



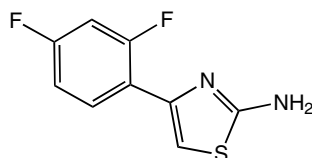
## H51822

4-(4-Acetoxyphenyl)-2-(bromomethyl)thiazole, 97%



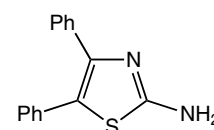
## H51858

4-(4-Acetoxyphenyl)-2-aminothiazole, 97%



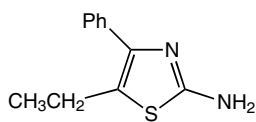
## H31948

2-Amino-4-(2,4-difluorophenyl)thiazole, 97%  
[105512-80-9]



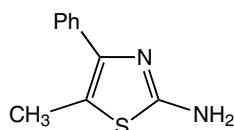
## H51818

2-Amino-4,5-diphenylthiazole, 97%  
[6318-74-7]



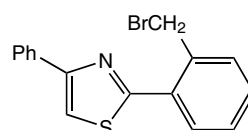
## H52159

2-Amino-5-ethyl-4-phenylthiazole, 97%  
[34176-47-1]



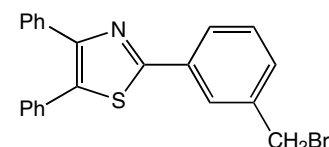
## H51825

2-Amino-5-methyl-4-phenylthiazole, 97%  
[30709-67-2]



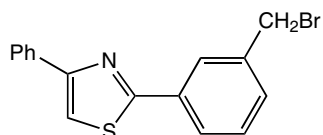
## H51832

2-[2-(Bromomethyl)phenyl]-4-phenylthiazole, 97%



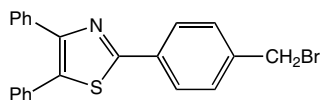
## H51800

2-[3-(Bromomethyl)phenyl]-4,5-diphenylthiazole, 97%



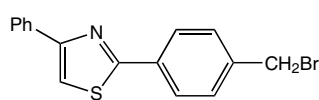
## H51834

2-[3-(Bromomethyl)phenyl]-4-phenylthiazole, 97%



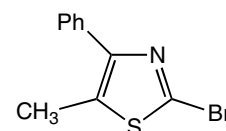
## H51841

2-[4-(Bromomethyl)phenyl]-4,5-diphenylthiazole, 97%



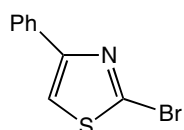
## H51836

2-[4-(Bromomethyl)phenyl]-4-phenylthiazole, 97%



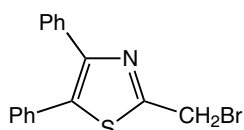
## H52226

2-Bromo-5-methyl-4-phenylthiazole, 97%



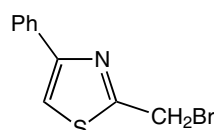
## H52245

2-Bromo-4-phenylthiazole, 97%  
[57516-16-2]



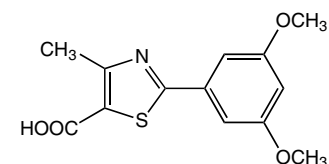
## H51812

2-Bromomethyl-4,5-diphenylthiazole, 97%



## H51780

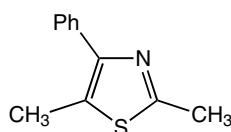
2-Bromomethyl-4-phenylthiazole, 97%  
[78502-79-1]



## H52164

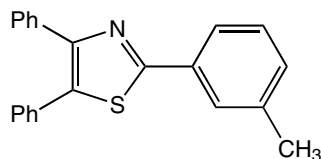
2-(3,4-Dimethoxyphenyl)-4-methylthiazole-5-carboxylic acid, 97%

# Phenyl and Substituted Phenylthiazoles



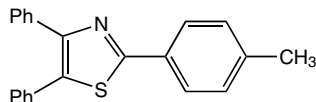
**H51783**

2,5-Dimethyl-4-phenylthiazole,  
97%



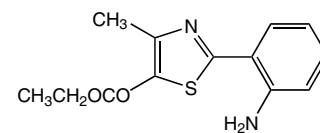
**H51805**

4,5-Diphenyl-2-(m-tolyl)-  
thiazole, 97%



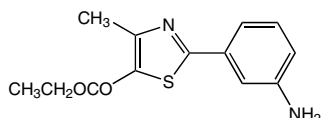
**H51847**

4,5-Diphenyl-2-(p-tolyl)-  
thiazole, 97%



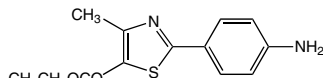
**H52255**

Ethyl 2-(2-aminophenyl)-4-  
methylthiazole-5-carboxylate,  
97%



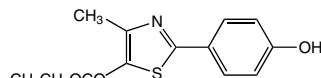
**H52264**

Ethyl 2-(3-aminophenyl)-4-  
methylthiazole-5-carboxylate,  
97%



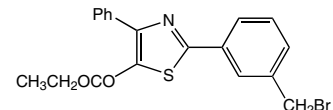
**H52219**

Ethyl 2-(4-aminophenyl)-4-  
methylthiazole-5-carboxylate,  
97% ]



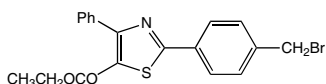
**H52223**

Ethyl 2-(4-hydroxyphenyl)-  
4-methylthiazole-5-  
carboxylate, 97%  
[161797-99-5]



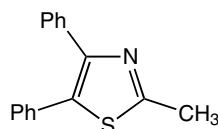
**H51820**

Ethyl 2-[3-(bromomethyl)  
phenyl]-4-phenylthiazole-  
5-carboxylate, 97%



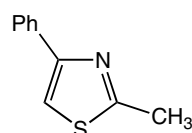
**H51813**

Ethyl 2-[4-(bromomethyl)  
phenyl]-4-phenylthiazole-  
5-carboxylate, 97%



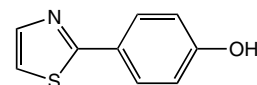
**H51781**

2-Methyl-4,5-diphenylthiazole,  
97%  
[3755-83-7]



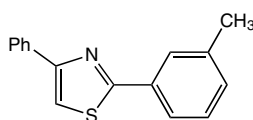
**H51728**

2-Methyl-4-phenylthiazole,  
97%  
[1826-16-0]



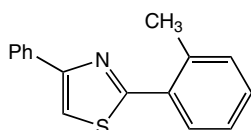
**H31827**

4-(2-Thiazolyl)phenol, 97%  
[81015-49-8]



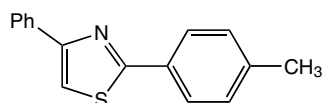
**H51717**

4-Phenyl-2-(m-tolyl)thiazole,  
97%  
[2227-70-5]



**H51828**

4-Phenyl-2-(o-tolyl)thiazole,  
97%



**H51730**

4-Phenyl-2-(p-tolyl)thiazole,  
97%  
[2227-61-4]

<sup>1</sup>M. C. Bagley, J. W. Dale, E. A. Merritt & X. Xiong, *Chem. Rev.*, 2005, **105**, 685.

<sup>2</sup>Y. Lu, C.-M. Li, Z. Wang, J. Chen, M. L. Mohler, W. Li, J. T. Dalton & D. D. Miller, *J. Med. Chem.*, 2011, **54**, 4678.

<sup>3</sup>A. V. Stachulski, *et al.*, *J. Med. Chem.*, 2011, **54**, 4119.

<sup>4</sup>L. M. Fox, & L. D. Saravolatz, *Clin. Infect. Dis.*, 2005, **40**, 1173.

<sup>5</sup>P. Hebeisen, E. A. Kitas, R. E. Minder, P. Mohr & H. P. Wessel, Patent: US2009/143448 A1, 2009.

<sup>6</sup>Boehringer Ingelheim GmbH; A. Bartolozzi, A. Berry, P. F. Cirillo, E. R. Hickey, D. Riether, Doris; L. Wu, & R. M. Zindell, Patent: Wo2010/96371 A2, 2010.

<sup>7</sup>M. L. Sierra, *et al. J. Med. Chem.*, 2007, **50**, 685.