



LKT Laboratories, Inc.

WY-14643

Phone: 888-558-5227

651-644-8424

Fax: 888-558-7329

Email: [getinfo@lktlabs.com](mailto:getinfo@lktlabs.com)

Web: [lktlabs.com](http://lktlabs.com)

## Product Information

Product ID W9602

CAS No. 50892-23-4

### Chemical Name

Synonym Pirinixic Acid, WY14643

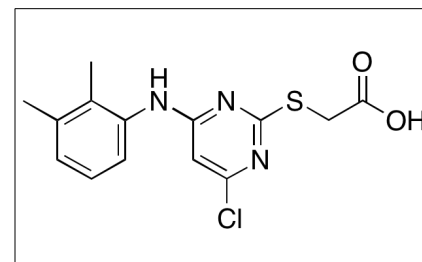
Formula  $C_{14}H_{14}ClN_3O_2S$

Formula Wt. 323.80

Melting Point 155-157 °C

Purity ≥98%

Solubility DMSO (40 mg/ml)



## Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
W9602	10 mg	\$34.80
W9602	50 mg	\$86.80

Store Temp Ambient

Ship Temp Ambient

**Description** WY-14643 is a peroxisome proliferator-activated receptor agonist that has been found to upregulate hepatic gene expression in mouse livers. Furthermore, WY-14643 has been shown to improve proteasomal function, prevent NF-κB activation, and decrease oxidative stress in wild-type and adipose triglyceride lipase knockout mice.

**References** Szalowska E, Tesfay HA, van Hijum SA, Kersten S. Transcriptomic signatures of peroxisome proliferator-activated receptor (PPAR) in different mouse liver models identify novel aspects of its biology. *BMC Genomics*. 2014 Dec; 15(1): 1106. PMID: 25511156.

Mussbacher M, Stessel H, Wolkart G, et al. Role of the ubiquitin-proteasome system in cardiac dysfunction of adipose triglyceride lipase-deficient mice. *J Mol Cell Cardiol*. 2014 Dec; 77:11-19. PMID: 25285770.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.