

Phone: 888-558-5227

651-644-8424

Email: getinfo@lktlabs.com

Fax: 888-558-7329

Web: lktlabs.com

## **Product Information**

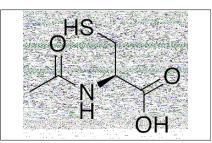
Product ID A0918 CAS No. 616-91-1

Chemical Name L-α-Acetamido-β-mercaptopropionic acid

Synonym Acetylcysteine, Brunac, Fabrol, Fluimucil, Fluprowit, Mucosil

Formula C<sub>5</sub>H<sub>9</sub>NO<sub>3</sub>S Formula Wt. 163.20 Melting Point 106-108°C Purity ≥98%

Solubility Soluble in water.



## **Pricing and Availability**

Bulk quanitites available upon request

Product ID	Size	List Price
A0918	10 g	\$33.40
A0918	25 g	\$60.20
A0918	100 g	\$133.90

Store Temp Ambient Ship Temp Ambient

Description N-Acetyl-L-cysteine exhibits antioxidative, mucolytic, anti-inflammatory, antiviral, antipsychotic, and neuromodulatory activities. N-Acetyl-L-cysteine has clinically been used to treat acetaminophen overdose; it is occasionally commercially sold as a supplement. N-Acetyl-L-cysteine acts as a scavenger of ROS, decreasing oxidative stress in a variety of models. In vitro, this compound also inhibits TNF-α-induced increases in IL-6 release and NF-κB activation. N-Acetyl-L-cysteine also inhibits hepatitis B virus replication by suppressing viral assembly. Clinically, N-acetyl-L-cysteine displays potential benefit in the treatment of various mood disorders as it modulates reward and reinforcement signaling. TEST!!!!!!

References Lim JH, Lee YM, Park SR, et al. Anticancer activity of hispidin via reactive oxygen species-mediated apoptosis in colon cancer cells. Anticancer Res. 2014 Aug; 34(8): 4087-93. PMID: 25075033.

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