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Product Information

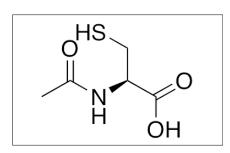
Product ID A0918 CAS No. 616-91-1

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

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

Formula C₅H₉NO₃S Formula Wt. 163.20 Melting Point 106-108°C Purity ≥98%

Solubility Soluble in water.



Bulk quanitites available upon request

Product ID	Size
A0918	10 g
A0918	25 g
A0918	100 g

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.

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