



LKT Laboratories, Inc.

Hyoscyamine sulfate dihydrate

Phone: 888-558-5227

651-644-8424

Fax: 888-558-7329

Email: getinfo@lktlabs.com

Web: lktlabs.com

Product Information

Product ID H978583

CAS No. 6835-16-1

Chemical Name [(1S,5R)-8-methyl-8-azabicyclo[3.2.1]octan-3-yl] (2S)-3-hydroxy-2-phenylpropanoate;sulfuric acid

Synonym Benzeneacetic acid, α -(hydroxymethyl)-, (3-endo)-8-methyl-8-azabicyclo[3.2.1]oct-3-yl ester, (α S)-, sulfate, hydrate (2:1:2) (salt); HYOSCYAMINE SULFATE;m Hyoscyamine sulfate dihydrate; HYOSCYAMINE SULPHATE HYDRATE

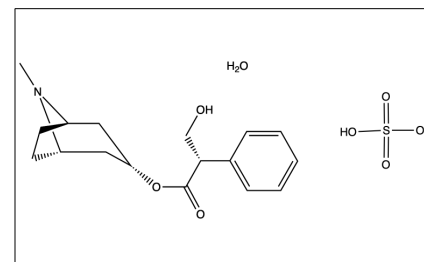
Formula C₃₄H₅₂N₂O₁₂S

Formula Wt. 712.85

Melting Point 188.5°C ~ 194.3°C

Purity ≥99%

Solubility



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
H978583	25 mg	\$85.90
H978583	100 mg	\$200.30

Store Temp Ambient

Ship Temp Ambient

Description Hyoscyamine Sulfate is the sulfate salt of a belladonna alkaloid derivative and the levorotatory form of racemic atropine isolated from the plants *Hyoscyamus niger* or *Atropa belladonna*, which exhibits anticholinergic activity. Hyoscyamine functions as a non-selective, competitive antagonist of muscarinic receptors, thereby inhibiting the parasympathetic activities of acetylcholine on the salivary, bronchial, and sweat glands, as well as the eye, heart, bladder, and gastrointestinal tract. These inhibitory effects cause a decrease in saliva, bronchial mucus, gastric juices, and sweat. Furthermore, its inhibitory action on smooth muscle prevents bladder contraction and decreases gastrointestinal motility.

NCI Thesaurus (NCIt)

References Myers J, Moro-Sutherland D, Shook J. Anticholinergic poisoning in colicky infants treated with hyoscyamine sulfate. *Am J Emerg Med.* 1997 Sep;15(5):532-535. PMID: 9270398.

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