

Amphotericin B trihydrate Biochemical

Amphotericin B trihydrate

CATALOG #
AAA227512

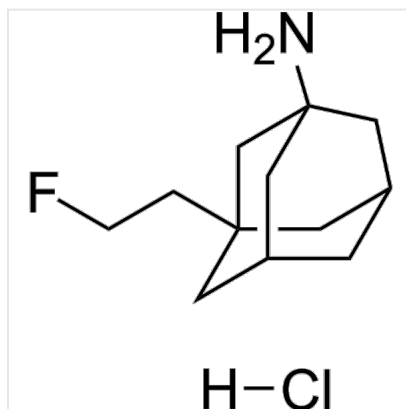
PRODUCT SYNONYMS

Amphotericin B trihydrate; Amphotericin B trihydrate biochemical

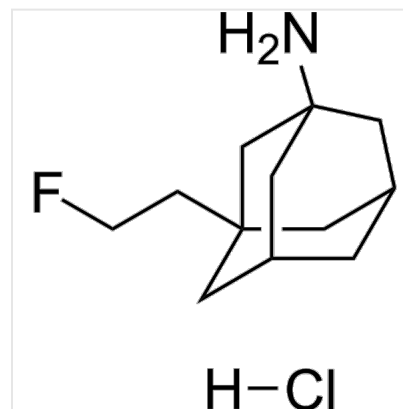
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1202017-46-6
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Amphotericin B results in prolonging the incubation time and decreasing PrPSc accumulation in the hamster scrapie model. Amphotericin B markedly reduces PrPSc levels in mice with transmissible subacute spongiform encephalopathies (TSSE)[4]. Amphotericin B exerts a direct effect on Plasmodium falciparum and influences eryptosis of infected erythrocytes, parasitemia and hostsurvival in murine malaria. Amphotericin B tends to delay the increase of parasitemia and significantly delays host death plasmodium berghei-infected mice[5].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Fluoroethylnormemantine hydrochloride, CAS 1639210-25-5



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ADDITIONAL INFORMATION

Related Product Information for Amphotericin B trihydrate biochemical	Amphotericin B trihydrate, a polyene antibiotic, is first isolated from fermenter cultures of Streptomyces nodosus. Amphotericin B trihydrate also possesses antileishmanial activity.
References	1. Couly S, et, al. Anti-Amnesic and Neuroprotective Effects of Fluoroethylnormemantine in a Pharmacological Mouse Model of Alzheimer's Disease. Int J Neuropsychopharmacol. 2021 Feb 15;24(2):142-157. 2. Chen BK, et, al. Fluoroethylnormemantine, a novel derivative of memantine, facilitates extinction learning without sensorimotor deficits. Int J Neuropsychopharmacol. 2021 Feb 25;pyab007. 3. Chen BK, et, al. Fluoroethylnormemantine, a novel NMDA receptor antagonist, for the prevention and treatment of stress-induced maladaptive behavior. Biological Psychiatry. 2021 May 9.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/amphotericin-b-trihydrate/227512>