

C12-Sphingosine Biochemical

C12-Sphingosine

CATALOG #
AAA227572

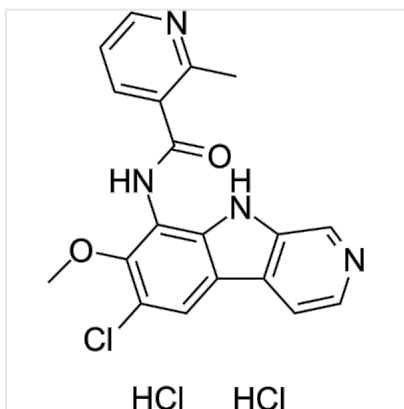
PRODUCT SYNONYMS

C12-Sphingosine; MLN120B dihydrochloride; C12-Sphingosine biochemical

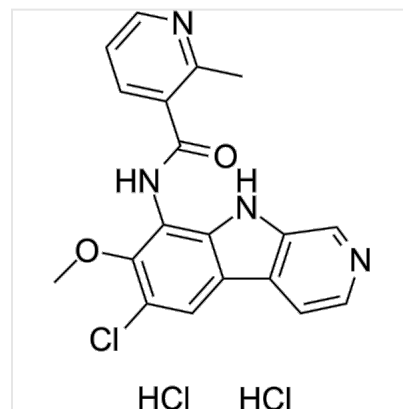
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	128427-86-1
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	C12-Sphingosine inhibits dr novo sphingosine and sphingolipid biosynthesis in murine cerebellar cells. C12-Sphingosine decreases serine palmitoyltransferase activity in primary cultured neurons in a time- and concentration-dependent manner[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
MLN120B dihydrochloride, CAS 1782573-78-7



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ADDITIONAL INFORMATION

Related Product Information for C12-Sphingosine biochemical	C12-Sphingosine is a short-chain Sphingosine homologue. C12-Sphingosine inhibits serine palmitoyltransferase activity in primary cultured cerebellar cells.
References	- Hideshima T, et al. MLN120B, a novel IkappaB kinase beta inhibitor, blocks multiple myeloma cell growth in vitro and in vivo. Clin Cancer Res. 2006 Oct 1;12(19):5887-94. - Schopf L, et al. IKKbeta inhibition protects against bone and cartilage destruction in a rat model of rheumatoid arthritis. Arthritis Rheum. 2006 Oct;54(10):3163-73. - Ansaldi D, et al. Imaging pulmonary NF-kappaB activation and therapeutic effects of MLN120B and TDZD-8. PLoS One. 2011;6(9):e25093. - Nagashima K, et al. Rapid TNFR1-dependent lymphocyte depletion in vivo with a selective chemical inhibitor of IKKbeta. Blood. 2006 Jun 1;107(11):4266-73.

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://stage.aaabiotech.com/biochemical/c12-sphingosine/227572>