

Loreclezole hydrochloride Biochemical

Loreclezole hydrochloride

CATALOG #
AAA228222

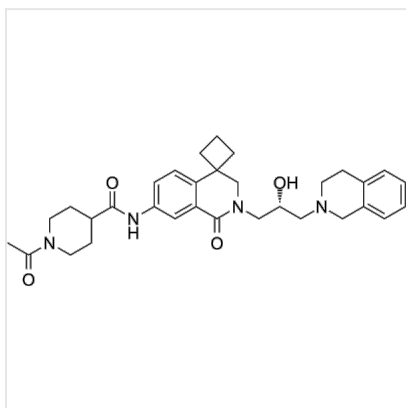
PRODUCT SYNONYMS

Loreclezole hydrochloride; Loreclezole hydrochloride biochemical

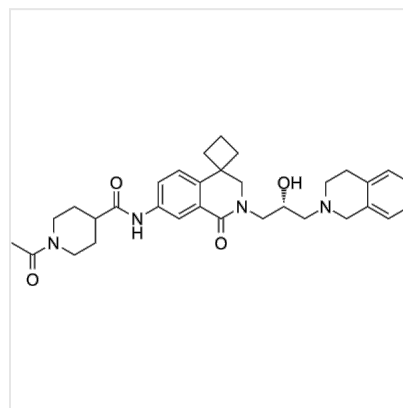
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2227372-56-5
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Loreclezole (10, 25, 50 or 75 mg/kg, i.p. 60 min before measurement of seizure threshold) results in a dosedependent rise in seizure threshold as measured by the dose of pentylenetetrazolrequired to produce a convulsion 60 min later. Loreclezole also has the least effect on loss of muscle tone as measured by the "pull-up" test[3]. Animal Model: Adult male Lister Hooded rats[3]. Dosage: 10, 25, 50 or 75 mg/kg. Administration: IP, 60 min before measurement of seizure threshold. Result: Resulted in a dosedependent rise in seizure threshold as measured by the dose of pentylenetetrazolrequired to produce a convulsion 60 min later.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
PRMT5-IN-12, CAS 2568927-94-4



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ADDITIONAL INFORMATION

Related Product Information for Loreclezole hydrochloride biochemical	Loreclezole hydrochloride, an antiepileptic compound, is a selective GABA A receptor modulator and acts as a positive allosteric modulator of beta2 or beta3-subunit containing receptors.
References	1. Wang Y, et al. Tricyclic compound as prmt5 inhibitor and application thereof. WO2020259478A1.

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.

