

JAMI1001A biochemical

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CATALOG #
AAA227406

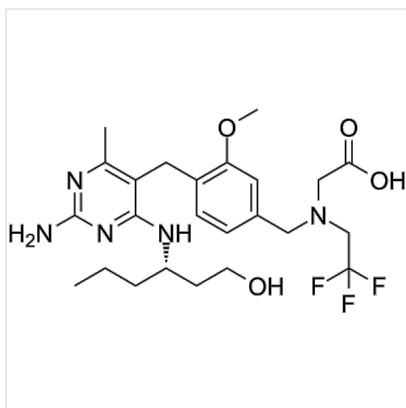
PRODUCT SYNONYMS

JAMI1001A; JAMI1001A biochemical

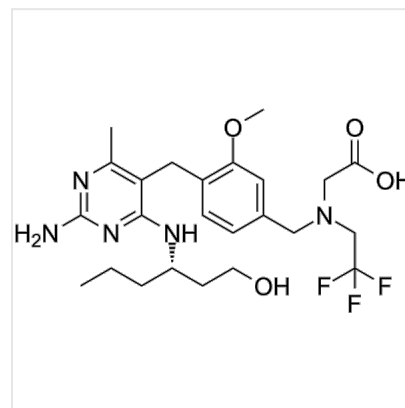
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1001019-46-0
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	JAMI1001A binds in the solvent accessible allosteric pocket that lies at the interface between AMPA receptor ligand-binding core dimers. JAMI1001A efficaciously blocks channel desensitization and slows deactivation of the flip and flop isoforms of AMPA receptor GluA2[1]. A simple kinetic model suggests that JAMI1001A independently modulates both the protein rearrangements necessary for channel desensitization and its recovery from the desensitized state, and the protein rearrangements necessary for channel deactivation (closed-cleft stability or channel gating)[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Guretolimod, CAS 1488364-57-3



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ADDITIONAL INFORMATION

Related Product Information for JAMI1001A biochemical	JAMI1001A is a positive allosteric modulator of AMPA receptor. JAMI1001A efficaciously modulates AMPA receptor deactivation and desensitization of both flip and flop receptor isoforms.
References	1. Hori, Seiji, et, al.Preparation of carboxylic acid compounds as TLR-7 agonists.WO2013172479A1

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.

