

LY3027788 biochemical

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CATALOG #
AAA227633

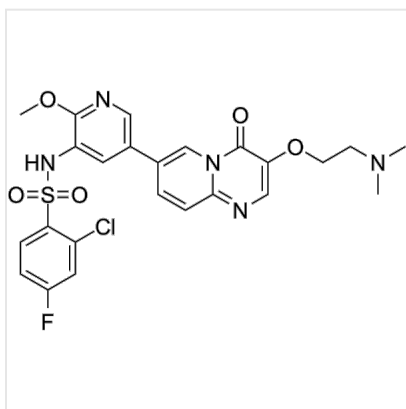
PRODUCT SYNONYMS

LY3027788; LY3027788 biochemical

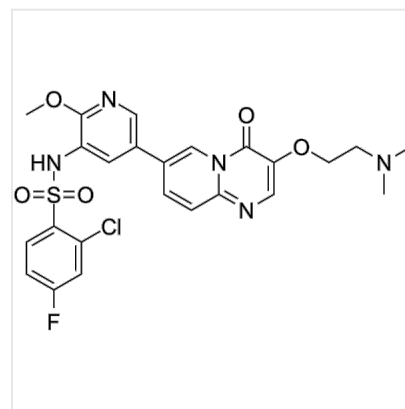
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1377615-76-3
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	LY3027788 (4.8-27 mg/kg; a single p.o.) produces antidepressant-like decreases in immobility times in the forced-swim test in mice[1]. LY3027788 (4.8-16 mg/kg; a single p.o.) enhances the locomotor stimulant effects of quinpirole at the dose of 16 mg/kg in the locomotor activity assay in mice[1]. LY3027788 (10-30 mg/kg; a single p.o.) dose dependently increases the wake time of rats without engendering rebound hypersomnolence[1]. LY3027788 (a single p.o.) leads to the rapid and dose-proportionate appearance of the pharmacologically active species LY3020371 in plasma of both mouse (4.8-27 mg/kg) and rat (3-30 mg/kg)[1]. Animal Model: Male Sprague-Dawley mice (20-25 g)[1]. Dosage: 4.8, 16, 27 mg/kg. Administration: A single p.o. (60 minutes prior to testing). Result: Potent and efficacious with a minimal effective dose of 16 mg/kg in the mouse forced-swim assay. The ED 60 was 8.2 mg/kg.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Gilmelisib, CAS 1845777-61-8



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Gilmelisib, CAS 1845777-61-8

ADDITIONAL INFORMATION

Related Product Information for LY3027788 biochemical	LY3027788, a diester analog of LY3020371 which is an mGlu2/3 receptor antagonist, is a potent and orally active prodrug of LY3020371. LY3027788 has antidepressant efficacy.
References	1. WO2017101847 A1 2. International Nonproprietary Names for Pharmaceutical Substances (INN)

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/ly3027788/227633>