

Fabesetron Biochemical

Fabesetron

CATALOG #
AAA227578

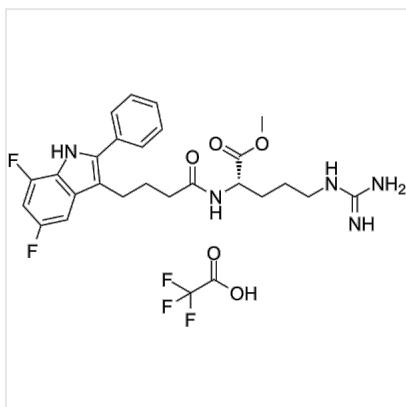
PRODUCT SYNONYMS

Fabesetron; Fabesetron biochemical

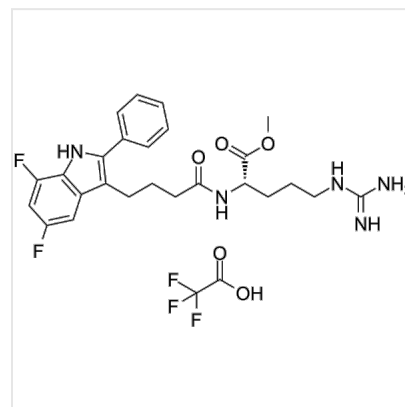
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	129300-27-2
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Fabesetron (FK1052)(0.1 mg/kg p.o.) inhibits completely the increases in the colonic transit[1]. FK1052 (100 ug/kg) completely prevents emesis induced by cisplatin (18mg/kg, i.p.) in Suncus murinus[2]. Animal Model: Male Sprague-Dawley rats weighing 220 to 330 g and male ddy mice weighing 25 to 35 g were used[1]. Dosage: 0.1 mg/kg. Administration: P.O. Result: Significantly caused delay and its degree of inhibition was 33.8 +/- 4.8% by 0.1 mg/kg p.o. Animal Model: Suncus murinus of either sex (10-week-old; 30-70 g body weight)[2]. Dosage: 1, 10, and 100 ug/kg. Administration: Orally administered 30 min before the injection of cisplatin. Result: Inhibited cisplatin-induced emesis in a dose-dependent manner, and no emesis was observed in three animals given the compound at 100 ug/kg.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
L-803087 TFA, CAS 1786412-46-1



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ADDITIONAL INFORMATION

Related Product Information for Fabesetron biochemical

Fabesetron (FK1052) is an orally active 5-HT₃ receptor antagonist with 5-HT₄ receptor antagonistic activity. Fabesetron (FK1052) can be used in the study for both acute and delayed emesis induced by cancer chemotherapy.

References

1. Rohrer SP, et al. Rapid identification of subtype-selective agonists of the somatostatin receptor through combinatorial chemistry. *Science*. 1998 Oct 23;282(5389):737-40.
2. Moneta D, et al. Somatostatin receptor subtypes 2 and 4 affect seizure susceptibility and hippocampal excitatory neurotransmission in mice. *Eur J Neurosci*. 2002 Sep;16(5):843-9.

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/fabesetron/227578>