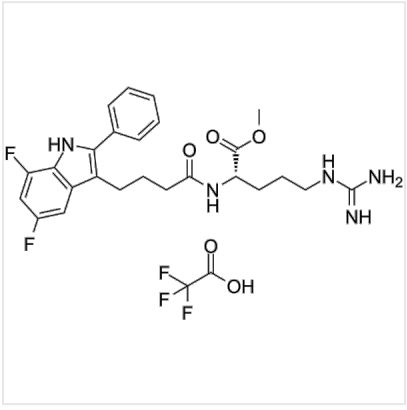
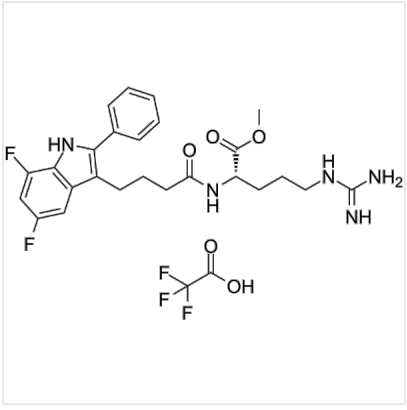
Fabesetron

PRODUCT OVERVIEW

Product Name	Fabesetron, Biochemical
Full Product Name	Fabesetron
Purity/Purification	98%
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years
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 cisplatininduced emesis in a dose-dependent manner, and no emesis was observed in three animals given the compound at 100 ug/kg.
Related Product Information for Fabesetron biochemical	Fabesetron (FK1052) is an orally active 5-HT 3 receptor antagonist with 5-HT 4 receptor antagonistic activity. Fabesetron (FK1052) can be used in the study for both acute and delayed emesis induced by cancer chemotherapy.
Product References and Citations for Fabesetron biochemical	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.
Other Notes	Small volumes of Fabesetron biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Fabesetron purchase	MBS5799296 is a biochemical targeting Fabesetron.



Structure of Fabesetron biochemical
L-803087 TFA, CAS 1786412-46-1



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L-803087 TFA, CAS 1786412-46-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures.