

Renzapride Biochemical

Renzapride

CATALOG #
AAA227468

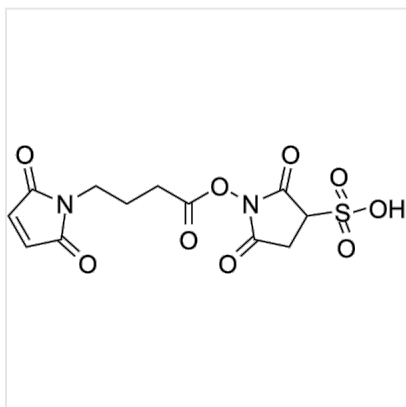
PRODUCT SYNONYMS

Renzapride; Renzapride biochemical

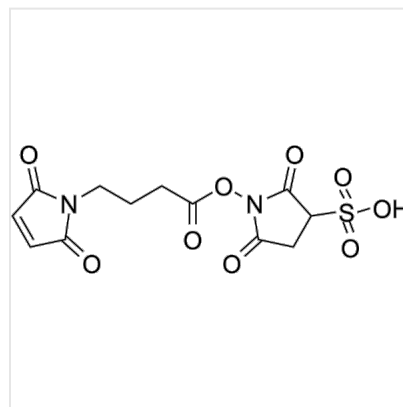
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	112727-80-7
Targets&IC50	5-HT 4 Receptor:115 nM (Ki)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Renzapride (BRL 24924)(100 ug i.v.) results in a partial reverse of both the delayed solid and liquid meals emptying[2]. Renzapride (BRL 24924)(0.5-1 mg/kg) significantly increases the rate of emptying of a 51 Cr-labeled liquid meal from the murine stomach[4]. Animal Model: Dog (simulating gastroparesis)[2]. Dosage: 100 ug/kg. Administration: i.v. Result: Results in a partial reverse of both the delayed solid and liquid meals emptying. Animal Model: Mice (30-45g)[2]. Dosage: 0.5-1 mg/kg. Administration: p.o. Result: Significantly increase the rate of emptying of a 51 Cr-labeled liquid meal from the murine stomach.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Mal-amino-sulfo, CAS 158018-81-6



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ADDITIONAL INFORMATION

Related Product Information for Renzapride biochemical	Renzapride (BRL 24924), a substituted benzamide, is a full 5-HT 4 receptor agonist with a K _i value of 115 nM. Renzapride (BRL 24924) is also a 5HT _{2b} and 5HT ₃ receptor antagonist. Renzapride could be used for constipation predominant irritable bowel syndrome (C-IBS) study.
References	1. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBiomedicine. 2018 Oct;36:553-562.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/biochemical/renzapride/227468>