
Product Data Sheet

Product Name: Lubabegron

Cat. No.: GC67977

Chemical Properties

Cas. No. 391920-32-4

Formula $C_{29}H_{29}N_3O_3S$

M.Wt 499.62

Solubility DMSO : 100 mg/mL (200.15 mM; Need ultrasonic)

Storage 4°C, away from moisture and light

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

Lubabegron is a potent modulator of β -adrenergic receptor (**β -AR**). Lubabegron demonstrates antagonistic behavior at the β_1 and β_2 receptor subtypes and agonistic behavior at the β_3 receptor subtype in cattle. Lubabegron reduces NH_3 gas emissions from an animal or its waste^[1].

[1]. Kube JC, et al. Effects of various doses of lubabegron on calculated ammonia gas emissions, growth performance, and carcass characteristics of beef cattle during the last 56 days of the feeding period [published correction appears in Transl Anim Sci. 2021 Nov 15;5(4):txab210]. Transl Anim Sci. 2021;5(3):txab137.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA