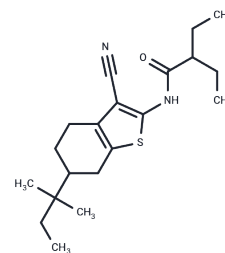


Glucagon Receptor Antagonist I

Chemical Properties

CAS No. :	438618-32-7
Formula:	C ₂₀ H ₃₀ N ₂ O ₂ S
Molecular Weight:	346.53
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Glucagon receptor antagonist I is a competitive antagonist of the glucagon receptor (GCGR; IC ₅₀ = 181 nM). It blocks glucagon-induced glycogenolysis in primary human hepatocytes and isolated liver. Glucagon receptor antagonist I, at 50 mg/kg, reduces the increase in glucose levels observed after intraperitoneal administration of glucagon in humanized mice. Glucagon receptor antagonist inactive control does not prevent glucagon-mediated actions.
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Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8858 mL	14.4288 mL	28.8575 mL
5 mM	0.5772 mL	2.8858 mL	5.7715 mL
10 mM	0.2886 mL	1.4429 mL	2.8858 mL
50 mM	0.0577 mL	0.2886 mL	0.5772 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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