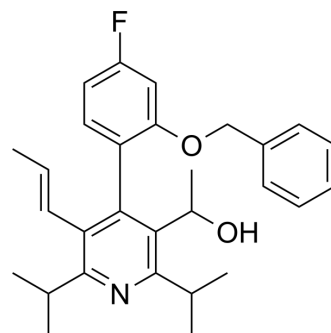


Glucagon receptor antagonists-1

Cat. No.:	HY-10036		
CAS No.:	503559-84-0		
Molecular Formula:	C ₂₉ H ₃₄ FNO ₂		
Molecular Weight:	447.58		
Target:	GCGR		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (111.71 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.2342 mL	11.1712 mL	22.3424 mL
5 mM	0.4468 mL	2.2342 mL	4.4685 mL
10 mM	0.2234 mL	1.1171 mL	2.2342 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.75 mg/mL (6.14 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.75 mg/mL (6.14 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Glucagon receptor antagonists-1 is a highly potent glucagon receptor antagonist.

REFERENCES

- [1]. Ladouceur, Gaetan H. et al. Integration of optimized substituent patterns to produce highly potent 4-aryl-pyridine glucagon receptor antagonists. *Bioorganic & Medicinal Chemistry Letters* (2002), 12(23), 3421-3424.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA