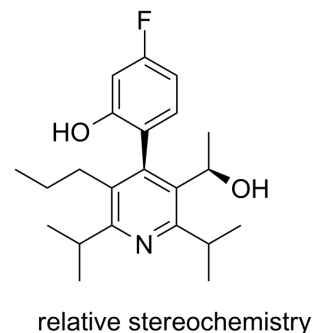


Glucagon receptor antagonists-3

Cat. No.:	HY-50159		
CAS No.:	202917-17-7		
Molecular Formula:	C ₂₂ H ₃₀ FNO ₂		
Molecular Weight:	359.49		
Target:	GCGR		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (278.17 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.7817 mL	13.9086 mL	27.8172 mL
	5 mM	0.5563 mL	2.7817 mL	5.5634 mL
	10 mM	0.2782 mL	1.3909 mL	2.7817 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: ≥ 3 mg/mL (8.35 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 3 mg/mL (8.35 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Glucagon receptor antagonists-3 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.

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