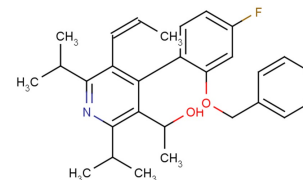


Glucagon receptor antagonists-1

Chemical Properties

CAS No.:	503559-84-0
Formula:	C ₂₉ H ₃₄ FNO ₂
Molecular Weight:	447.58
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Glucagon receptor antagonist -1 is a highly effective glucagon receptor antagonist.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 50 mg/mL (111.71 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.234 mL	11.171 mL	22.342 mL
5 mM	0.447 mL	2.234 mL	4.468 mL
10 mM	0.223 mL	1.117 mL	2.234 mL
50 mM	0.045 mL	0.223 mL	0.447 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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.

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