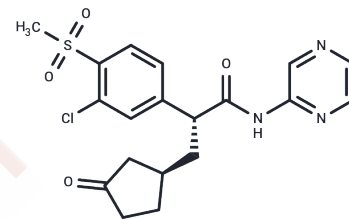


Piragliatin

Chemical Properties

CAS No. :	625114-41-2
Formula:	C ₁₉ H ₂₀ ClN ₃ O ₄ S
Molecular Weight:	421.9
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Piragliatin, also known as RO4389620, is a glucokinase activator. Piragliatin greatly enhances glucose-induced pancreatic islet respiration and insulin release. Piragliatin lowers plasma glucose both in the postabsorptive state and after a glucose challenge in patients with type 2 diabetes mellitus. Piragliatin has an acute glucose-lowering action in patients with mild type 2 diabetes, mainly mediated through a generalized enhancement of β -cell function and through fasting restricted changes in glucose turnover.
Targets(IC50)	Others,Glucokinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3702 mL	11.8511 mL	23.7023 mL
5 mM	0.474 mL	2.3702 mL	4.7405 mL
10 mM	0.237 mL	1.1851 mL	2.3702 mL
50 mM	0.0474 mL	0.237 mL	0.474 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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