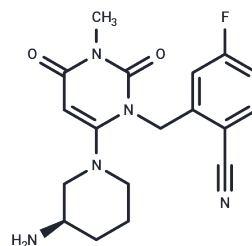


Trelagliptin

Chemical Properties

CAS No. :	865759-25-7
Formula:	C ₁₈ H ₂₀ FN ₅ O ₂
Molecular Weight:	357.38
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Trelagliptin (SYR-472) is a highly specific, long-acting DPP-4 inhibitor.
Targets(IC50)	Proteasome,DPP-4

Solubility Information

Solubility	Ethanol: 3 mg/mL (8.39 mM),Heating is recommended. DMSO: 55 mg/mL (153.9 mM),Sonication is recommended. H2O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7981 mL	13.9907 mL	27.9814 mL
5 mM	0.5596 mL	2.7981 mL	5.5963 mL
10 mM	0.2798 mL	1.3991 mL	2.7981 mL
50 mM	0.056 mL	0.2798 mL	0.5596 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.

Reference

Inagaki N, et al. Lancet Diabetes Endocrinol. 2014, 2(2), 125-132.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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