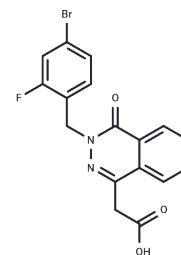


Ponalrestat

Chemical Properties

CAS No. : 72702-95-5
 Formula: C₁₇H₁₂BrFN₂O₃
 Molecular Weight: 391.19
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Ponalrestat is an aldose reductase inhibitor.
Targets(IC50)	Reductase

Solubility Information

Solubility	DMSO: 45 mg/mL (115.03 mM), Sonication is recommended. (< 1 mg/mL refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5563 mL	12.7815 mL	25.563 mL
5 mM	0.5113 mL	2.5563 mL	5.1126 mL
10 mM	0.2556 mL	1.2782 mL	2.5563 mL
50 mM	0.0511 mL	0.2556 mL	0.5113 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

Pekiner C, McLean WG. Br J Pharmacol. 1990 Dec;101(4):978-80.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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