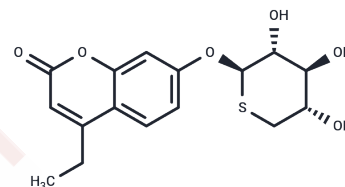


Iliparcil

Chemical Properties

CAS No. :	137214-72-3
Formula:	C ₁₆ H ₁₈ O ₆ S
Molecular Weight:	338.38
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	Iliparcil is an antithrombotic compound with oral activity.
Targets(IC50)	Others
In vivo	The effect of Iliparcil, a new orally active beta-D-xyloside venous antithrombotic, was studied on the thrombosis following thrombolytic therapy in rats, using a modified Umetsu model. The compound was administered by oral route prior to thrombolytic therapy, which consisted of administering a combination of heparin and urokinase (H/U) at 37.5 and 70,000 IU/kg, respectively. Time to occlusion increased from 3.9 min with saline to 10.5 min following H/U injection. When Iliparcil (30 mg/kg, oral route) was administered 4 h before H/U injection, the time to occlusion was increased by 250% compared with H/U alone ($p < 0.001$). Similarly, dermatan sulfate (DS), administered intravenously (3 mg/kg) 5 min before thrombus induction, also increased the time to occlusion (300% compared with H/U alone; $p < 0.001$). It was also shown that times to occlusion following Iliparcil or DS treatments were still increased even when heparin dosage was decreased.[1]

Solubility Information

Solubility	DMSO: 50 mg/mL (147.76 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	2.9553 mL	14.7763 mL	29.5526 mL
5 mM	0.5911 mL	2.9553 mL	5.9105 mL
10 mM	0.2955 mL	1.4776 mL	2.9553 mL
50 mM	0.0591 mL	0.2955 mL	0.5911 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.

Reference

Chicaud P, et al. The beneficial effect of a beta-D-xyloside, Iliparcil, in the prevention of postthrombotic rethrombosis in the rat. *Haemostasis*. 1998;28(6):313-320.

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