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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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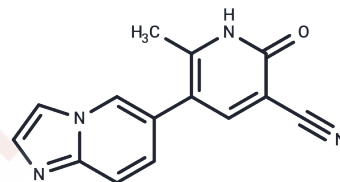
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Olprinone

Chemical Properties

CAS No. :	106730-54-5
Formula:	C ₁₄ H ₁₀ N ₄ O
Molecular Weight:	250.26
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Olprinone (Loprinone)(Loprinone) is a selective phosphodiesterase 3 (PDE3) inhibitor. Olprinone has been reported to improve microcirculation and attenuate inflammation. Olprinone is often used to increase cardiac output after cardiopulmonary bypass (CPB).
Targets(IC50)	PDE

Solubility Information

Solubility	DMSO: 2.5 mg/mL (10 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9958 mL	19.9792 mL	39.9584 mL
5 mM	0.7992 mL	3.9958 mL	7.9917 mL
10 mM	0.3996 mL	1.9979 mL	3.9958 mL
50 mM	0.0799 mL	0.3996 mL	0.7992 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

Tsubokawa T, Ishizuka S, Fukumoto K, et al. The effect of hemodilution by cardiopulmonary bypass on protein binding of olprinone. J Anesth. 2012 .

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