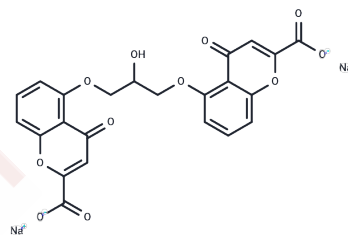


Cromolyn sodium

Chemical Properties

CAS No. :	15826-37-6
Formula:	C ₂₃ H ₁₄ Na ₂ O ₁₁
Molecular Weight:	512.33
Appearance:	no data available
Storage:	keep away from direct sunlight
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Cromolyn sodium (FPL-670) is a chromone complex that acts by inhibiting the release of chemical mediators from sensitized mast cells.
Targets(IC50)	Calcium Channel,GSK-3,Potassium Channel

Solubility Information

Solubility	DMSO: 5.12 mg/mL (10 mM),Sonication is recommended. H2O: 50 mg/mL (97.59 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	1.9519 mL	9.7593 mL	19.5187 mL
5 mM	0.3904 mL	1.9519 mL	3.9037 mL
10 mM	0.1952 mL	0.9759 mL	1.9519 mL
50 mM	0.039 mL	0.1952 mL	0.3904 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

Overington JP, et al. Nat Rev Drug Discov. 2006 Dec;5(12):993-6.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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