

## Cromolyn sodium

## Chemical Properties

CAS No. : 15826-37-6

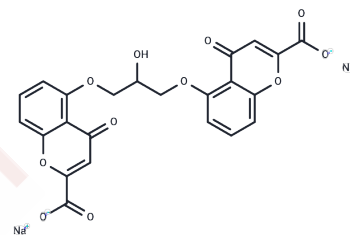
Formula: C<sub>23</sub>H<sub>14</sub>Na<sub>2</sub>O<sub>11</sub>

Molecular Weight: 512.33

Keep away from direct sunlight

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

## Solubility Information

Solubility	DMSO: 5.13 mg/mL (10.01 mM), Sonication is recommended. H <sub>2</sub> O: 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.

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

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

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