

Cromolyn (sodium)

Catalog No: tcsc2361



Available Sizes

Size: 1g

Size: 5g



Specifications

CAS No:

15826-37-6

Formula:

$C_{23}H_{14}Na_2O_{11}$

Pathway:

Membrane Transporter/Ion Channel

Target:

Calcium Channel

Purity / Grade:

>98%

Solubility:

H₂O : ≥ 32 mg/mL (62.46 mM)

Alternative Names:

Disodium Cromoglycate;FPL-670

Observed Molecular Weight:

512.33

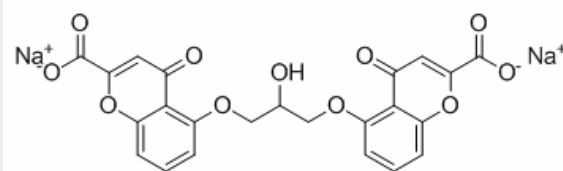
Product Description

Cromolyn sodium is an antiallergic drug.

Target: Calcium Channel

Cromolyn sodium is a chromone complex that acts by inhibiting the release of chemical mediators from sensitized mast cells. It is used in the prophylactic treatment of both allergic and exercise-induced asthma, but does not affect an established asthmatic attack.

Pretreatment of IIR mice with Cromolyn sodium prior to ischemia exhibited no changes of ET-1 levels, injury score and inflammation ($P > 0.05$, PreCr vs. M groups). In conclusion, administration of Cromolyn sodium after reperfusion, but not prior to ischemia, attenuates IIRI by downregulating ET-1 and suppressing sustained MC activation [1]. cromolyn sodium has a role in the prevention of Chronic lung disease (CLD). Cromolyn sodium cannot be recommended for the prevention of CLD in preterm infants [2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!