

Catalog	Unit
TBI2863 - 1G	1 g
TBI2863 - 5G	5 g

### Product Details

**Formal Name:** 5,5'-[(2-Hydroxy-1,3-propanediyl)bis(oxy)]bis(4-oxo-4H-1-benzopyran-2-carboxylic Acid) Disodium Salt Hydrate

**Alternate Names:** Disodium cromoglicate; Disodium cromoglycate

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

**Formula Weight:** 512.3

**CAS Number:** 15826-37-6

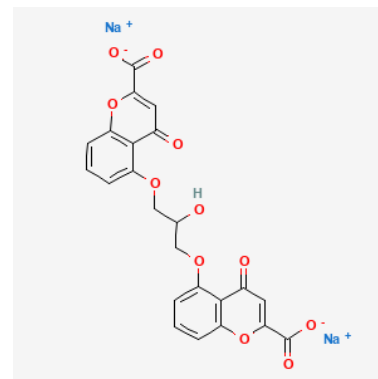
**Purity:** >98%

**Formulation:** Powder

**Solubility:** Soluble in Water (up to 25 mg/ml)

**Storage:** RT

**Stability:** ≥ 2 years.



### Applications

Mast cell stabilizer; Stem cell differentiator.

### Functions

Blocks mast cell degranulation, which can improve anti-angiogenesis therapy. Cromolyn (0.3 - 3 μM) inhibits TNF-α induced neurotoxic cytokine expression and secretion by HMC3 microglia. Also lowers amyloid β levels in transgenic Alzheimer's disease mice. At 10 mM, facilitates differentiation of hiPSC/hESC into insulin-producing cells.

### Application Procedures

Dissolved in water (up to 25 mg/ml). Solutions in distilled water may be stored at -20°C for up to 3 months.

### Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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