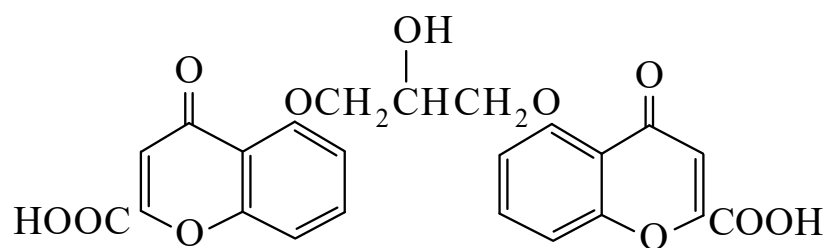




>>Entry Name: Cromoglicic acid, INN

Synonym(s): 5,5'-[(2-Hydroxy-1,3-propanediyl)bis(oxy)]bis[4-oxo-4*H*-1-benzopyran-2-carboxylic acid], 9CI. **Cromoglycic acid**, BAN



CAS Registry Number: 16110-51-3

Molecular Formula: C₂₃H₁₆O₁₁

Molecular Weight: 468.373

Accurate Mass: 468.069265

Percentage Composition: C 58.98%; H 3.44%; O 37.58%

Biological Use/Importance: Immunomodulator, used for treatment of allergic conditions

Development Status: Marketed drug. Launched 1982

Melting Point: Mp 216-217°

Calculated Log P Data: Log P 0.22 (calc)

>>Derivative: Di-Na salt

Synonym(s): Cromolyn sodium, USAN. Sodium cromglicate, JAN. Aarame. Broleze. Clariteyes. Crolam. Cromal. Cromogen. Cromoglin. Cusilyn. Gastrocom. Hay-Crom. Intal. Lomusol. Nalcrom. Nasalcrom. Opticrom. Rynacrom. Vividrin. Many other names

CAS Registry Number: 15826-37-6

Melting Point: Mp 241-242 dec.°

Hazard & Toxicity: Can cause allergic dermatitis and respiratory effects. LD₅₀ (rat, scu) 6000 mg/kg

Sigma: C0399

>>Derivative: L-Lysine ester

Synonym(s): Cromoglicate lisetil, INN

CAS Registry Number: 110816-79-0

Molecular Formula: C₃₃H₃₆N₂O₁₂

Molecular Weight: 652.654

Accurate Mass: 652.226828

Percentage Composition: C 60.73%; H 5.56%; N 4.29%; O 29.42%

Use/Importance: Antiallergic, antiasthmatic agent

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