Chelerythrine Chloride

1. Description

Chelerythrine Chloride is a potent and selective protein kinase C inhibitor (PKC, IC50 = 0.66 µM) which is soluble in DMSO and water but rather insoluble in aqueous media that contain substantial saline concentrations.

2. Product Information

Chelerythrine: order-no. PKI-CHEL
Chemical name: 1,2-Dimethoxy-N-methyl(1,3)benzodioxolo(5,6-c) phenanthridinium chloride
Formula: C21H18NO4Cl
Molecular Weight: 383.8 g/mol
Long Term Storage: -20°C
Purity: >98%
Appearance: Yellow to orange solid
Solubility: soluble in DMSO and water

3. Product specific literature references:

- Sacchetti B, Bielavska E (1998) "Chelerythrine, a specific PKC inhibitor, blocks acquisition but not consolidation and retrieval of conditioned taste aversion in rat" Brain Res. 799(1):84-90