
Product Data Sheet

Product Name: Chelerythrine

Cat. No.: GN10463

Chemical Properties

Cas. No. 34316-15-9

Chemical Name 1,2-dimethoxy-12-methyl-[1,3]benzodioxolo[5,6-c]phenanthridin-12-ium;chloride

SMILES C[N+]1=C2C(=C3C=CC(=C(C3=C1)OC)OC)C=CC4=CC5=C(C=C42)OCOC5.[Cl-]Formula $C_{21}H_{18}ClNO_4$ M.Wt 383.83

Solubility DMSO:45mg/ml Storage Store at 2-8°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Chelerythrine affects translocation of PKC from cytosol to plasma membrane. Shown to prevent neurite growth. Induces apoptosis in a concentration- and schedule-dependent manner.

Caution: Product has not been fully validated for medical applications. For research use only.

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