Chelerythrine chloride

PKC inhibitor

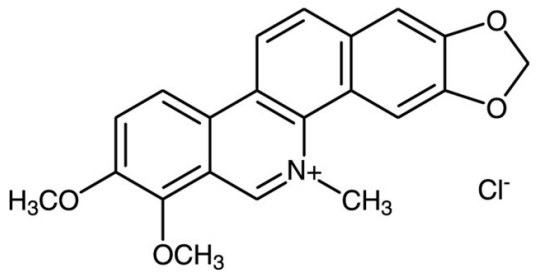
Reported to be a potent and selective inhibitor of protein kinase C (IC_{50} =0.66μM). Although chelerythrine has numerous documented biological effects, studies have raised serious doubts about the effectiveness of chelerythrine as a PKC inhibitor.

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BML-EI225-0005	5mg

Manuals, SDS & CofA View Online »


O
O
N+
CH3
Cl-
H3CO
OCH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Heating to 40-50°C with gentle agitation may support complete solubilization. Further dilute with buffer just prior to use. Stock solutions should be refrigerated or frozen between for storage.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Yellow solid.
CAS	3895-92-9
Couple Target	PKC
Couple Type	Inhibitor
Formula	$C_{21}H_{18}ClNO_4$
MI	**14:** 2051
MW	383.8
Purity	≥98% (HPLC, TLC)
RTECS	FL9200000
Solubility	Soluble in DMSO, water (2mg/ml warm), 100% ethanol or methanol.

Last modified: May 29, 2024

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