

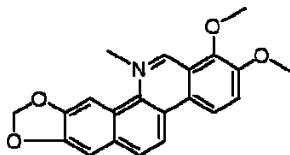
PurChem™

Product Data

Product: Chelerythrine Chloride

Product Number: VCTI-1298-01

Structure:



Material Identification	
Source	(<i>Macleaya cordata</i> and <i>microcarpa</i>)
CAS Number	3895-92-9
PubChem Substance ID	24278305
Description	Potent and selective inhibitor of Protein Kinase C.
Chemical Formula	C ₂₁ H ₁₈ ClN ₀₄
Chemical Name	1,2-Dimethoxy-12-[1,3] benzodioxolo [5,6-c] phenanthridinium chloride
Molecular Weight:	M.W. 383.8
Solubility	Soluble in Water and DMSO
Boiling Point / Melting Point	BP/MP: 208-209°C
Active Product:	N
Appearance	Yellow Solid, Powder
Infrared Spectra (KBr)	Matches Standard
Purity (HPLC)	
Sanguinarine	0.8%
Chelerythrine	99.2 %
Norsanguinarine	< 0.1%
Water (By Weight)	2.6%
Solubility	
DMSO	10mg/mL
Water	1mg/mL
Storage	As supplied, 1 yr. 0-4 ⁰ C ; Solution, 1 month -20° C
Handling	Store in tightly sealed vial

References

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