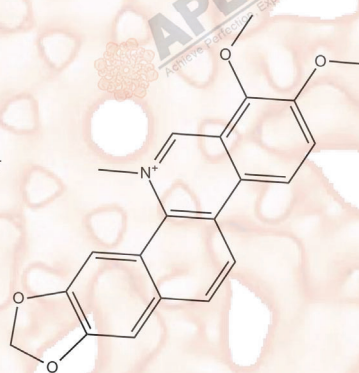


# Product Data Sheet

## Chelerythrine Chloride

<b>Cat. No.:</b>	A3306
<b>CAS No.:</b>	3895-92-9
<b>Formula:</b>	C <sub>21</sub> H <sub>18</sub> ClNO <sub>4</sub>
<b>M.Wt:</b>	383.83
<b>Synonyms:</b>	
<b>Target:</b>	TGF-β / Smad Signaling
<b>Pathway:</b>	PKC
<b>Storage:</b>	Store at -20° C

 Cl<sup>-</sup>


## Solvent & Solubility

≥ 19.2 mg/mL in DMSO, ≥ 9.45 mg/mL in EtOH with ultrasonic and warming, insoluble in H<sub>2</sub>O

In Vitro

	Solvent Concentration	Mass	1mg	5mg	10mg
Preparing Stock Solutions	1 mM		2.6053 mL	13.0266 mL	26.0532 mL
	5 mM		0.5211 mL	2.6053 mL	5.2106 mL
	10 mM		0.2605 mL	1.3027 mL	2.6053 mL

Please refer to the solubility information to select the appropriate solvent.

## Biological Activity

Shortsummary

PKC antagonist

 IC<sub>50</sub> & Target

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

### Animal experiment

Applications:

## Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APEX BIO Technology**

**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)