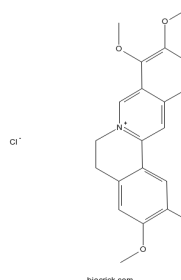


## PHYSICAL AND CHEMICAL PROPERTIES

<b>Product Name:</b>	Palmatine hydrochloride
<b>Catalog Number:</b>	BCN5914
<b>Cas No.:</b>	10605-02-4
<b>Formula:</b>	C <sub>21</sub> H <sub>22</sub> ClNO <sub>4</sub>
<b>M.Wt:</b>	387.86
<b>Purity:</b>	>98%
<b>Physical Description:</b>	Yellow powder
<b>Synonyms:</b>	Fibrauretin chloride
<b>Chemical Name:</b>	2,3,9,10-tetramethoxy-5,6-dihydroisoquinolino[2,1-b]isoquinolin-7-ium;chloride
<b>SMILES:</b>	<chem>COC1=C(C2=C[N+]3=C(C=C2C=C1)C4=CC(=C(C=C4CC3)OC)OC)OC.[Cl-]</chem>
<b>Solubility:</b>	DMSO : ≥ 32 mg/mL (82.50 mM) H <sub>2</sub> O : 5 mg/mL (12.89 mM; Need ultrasonic) *"≥" means soluble, but saturation unknown.



## STORAGE AND SHIPPING

<b>Storage:</b>	Store the product in sealed, cool and dry condition.
<b>General tips:</b>	For obtaining a higher solubility, please warm the tube at 37° and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20° for several months.
<b>Shipping Condition:</b>	Ship with RT , or blue ice upon request

## INTENDED USE

1. Reference standards;
2. Pharmacological research;
3. Food research;
4. Synthetic precursor compounds;
5. Intermediates & Fine Chemicals;
6. Others.

## 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 BioCrick 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.*

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