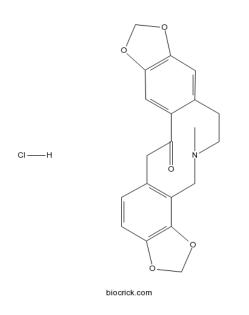
BioCrick Certificate of Analysis

Product Name:	Protopine hydrochloride
Catalog Number:	BCN5345
Batch Number:	KLKH12b01
1. PHYSICAL AND CHEMICAL PROPERTIES	
Molecular Formula:	C20H20CINO5
Molecular Weight:	389.83
Purity:	>98%
Cas Number:	6164-47-2
Physical Description:	Powder
2. ANALYTICAL DATA	
HPLC:	Shows >98% purity
NMR:	Consistent with structure
3. CHEMICAL STRUCTURE	



4. USAGE GUIDE

Storage: Store the product in sealed, cool and dry condition.

General tips: For obtaining a higher solubility, please warm the tube at 37 degrees Celsius (98.6 degrees Fahrenheit) and shake it in the ultrasonic bath for a while.

Authorized Signature:

Date:

Manufactured By BioCrick Biotech Co., Ltd. - Not Fully Tested - Research Use Only - Not For Human or Veterinary Use Online:www.biocrick.com | Email:tech@biocrick.com | Tel:+86-28-8543-3893 | Fax:+86-28-8543-3893