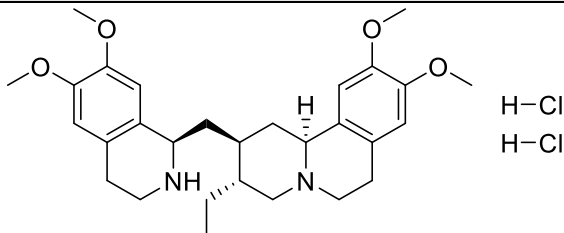


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
531018	Emetine Hydrochloride	S20G10M12

Chemical name	
(2S,3R,11bS)-2-(((R)-6,7-dimethoxy-1,2,3,4-tetrahydroisoquinolin-1-yl)methyl)-3-ethyl-9,10-dimethoxy-1,3,4,6,7,11b-hexahydro-2H-pyrido[2,1-a]isoquinoline dihydrochloride	
Synonyms	
Emetine hydrochloride, Dehydroemetine dihydrochloride, Emetine, Amebicide, Purum	
Chemical structure	CAS# and Theoretical analysis
 <p>H-Cl H-Cl</p>	<p>MedKoo Cat#: 531018 Name: Emetine Hydrochloride CAS#: 316-42-7 (HCl) Lot#: S20G10M12 Chemical Formula: C₂₉H₄₂Cl₂N₂O₄ Molecular Weight: 553.57</p>

Analysis item	Specifications / Results
Appearance	White to off white powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Ethanol or H ₂ O (20 mg/ml).
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE