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## Product Datasheet

### Emetine hydrochloride, CAS [[7083-71-8]] FBM-10-3001

Article Name	Emetine hydrochloride, CAS [[7083-71-8]]
Biozol Catalog Number	FBM-10-3001
Supplier Catalog Number	10-3001
Alternative Catalog Number	FBM-10-3001-50MG,FBM-10-3001-250MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Protein synthesis inhibitor...
Molecular Weight	553.56
Purity	98% by TLC NMR (Conforms)
Form	White solid
CAS Number	[7083-71-8]
Formula	C <sub>29</sub> H <sub>40</sub> N <sub>2</sub> O <sub>4</sub> 2HCl (XH <sub>2</sub> O)
Application Notes	One of the active ingredients of ipecac root extract, used as an emetic.1 Induces apoptosis in breast cancer cells via inhibition of Wnt/-catenin signaling.2 Inhibits Zika and Ebola virus in vitro and in vivo, targeting viral entry and replication by inhibiting viral RNA polymerase and host lysosomal function.3 Also inhibits SARS-CoV-2 replication in cells (EC <sub>50</sub> for viral load reduction is 0.46 M).4 A useful agent for inhibiting protein synthesis in eukaryotic cells by virtue of its inhibition of the ribosome 40S subunit.5