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Product Datasheet

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

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| 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 ₂₉ H ₄₀ N ₂ O ₄ 2HCl (XH ₂ 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 ₅₀ 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 |