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Product Datasheet

Dyclonine HCl, CAS [[536-43-6]]
FBM-10-3895

Article Name	Dyclonine HCl, CAS [[536-43-6]]
Biozol Catalog Number	FBM-10-3895
Supplier Catalog Number	10-3895
Alternative Catalog Number	FBM-10-3895-500MG,FBM-10-3895-2G
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Mitochondrial function enhancer...
Molecular Weight	325.87
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[536-43-6]
Formula	C18H27NO2 HCl
Application Notes	Dyclonine is a topical anesthetic which has been used for oral and throat analgesia.1 Enhances neuronal mitochondrial function, potentiating respiration and providing protection against insults associated with neurodegenerative disorders.2 Inhibits aldehyde dehydrogenase ALDH3A1 resulting in accumulation of 4-hydroxynonenal, which renders head and neck squamous cell carcinoma cells sensitive to the cystine-glutamate antiporter inhibitor, sulfasalazine.3 Rescues frataxin deficiency in animal models as well as in buccal cells of patients with Friedreichs Ataxia.4 Enhances the cytotoxic effect of proteasome inhibitors MG-1325 and bortezomib6 in cancer cells.