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Product Datasheet

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

Artikelname	Dyclonine HCl, CAS [[536-43-6]]
Artikelnummer	FBM-10-3895
Hersteller Artikelnummer	10-3895
Alternativnummer	FBM-10-3895-500MG,FBM-10-3895-2G
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Mitochondrial function enhancer...
Molekulargewicht	325.87
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[536-43-6]
Formel	C18H27NO2 HCl

Anwendungsbeschreibung	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.
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