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Product Datasheet

Ranolazine, CAS [[142387-99-3]] FBM-10-3701

Article Name	Ranolazine, CAS [[142387-99-3]]
Biozol Catalog Number	FBM-10-3701
Supplier Catalog Number	10-3701
Alternative Catalog Number	FBM-10-3701-10MG, FBM-10-3701-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Selective sodium channel blocker...
Molecular Weight	427.54
Purity	98% by TLC (10% methanol/methylene chloride, R _f = 0.63)
Form	White solid
CAS Number	[142387-99-3]
Formula	C ₂₄ H ₃₃ N ₃ O ₄
Application Notes	Ranolazine is an FDA-approved drug used for the treatment of chronic angina. It inhibits the late inward sodium current in heart muscle leading to decreased intracellular calcium levels. ¹ It blocks Nav 1.4, 1.5, 1.7 and 1.8 (IC ₅₀ s = 2.42, 6.22, 1.72(10.33), 21.53 µM respectively).