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Product Datasheet

Manidipine dihydrochloride, CAS [[89226-75-5]] FBM-10-2045

Article Name	Manidipine dihydrochloride, CAS [[89226-75-5]]
Biozol Catalog Number	FBM-10-2045
Supplier Catalog Number	10-2045
Alternative Catalog Number	FBM-10-2045-20MG, FBM-10-2045-100MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Calcium channel blocker / SARS-CoV2 3CLpro inhibitor...
Molecular Weight	683.63
Purity	98% by HPLC NMR (conforms)
Form	White solid
CAS Number	[89226-75-5]
Formula	C35H38N4O62HCl
Application Notes	Manidipine is a clinically useful antihypertensive. ^{1,2} It is an inhibitor of L- and T-type calcium channels with high selectivity for vasculature. Manidipine has recently been found to be an inhibitor (IC ₅₀ = 4.8 µM) of the SARS-CoV-2 main protease, 3CLpro. ³ It also acts as an early entry inhibitor of human cytomegalovirus (EC ₅₀ = 3.57 µM) via inhibition of the Immediate-Early 2 (IE2) protein. ⁴