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Product Datasheet

LW6, CAS [[934593-90-5]] FBM-10-4083

Article Name	LW6, CAS [[934593-90-5]]
Biozol Catalog Number	FBM-10-4083
Supplier Catalog Number	10-4083
Alternative Catalog Number	FBM-10-4083-5MG, FBM-10-4083-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Malate dehydrogenase inhibitor...
Molecular Weight	435.52
Purity	>98% by HPLC NMR (Conforms)
Form	Off-white to light gray solid
CAS Number	[934593-90-5]
Formula	C ₂₆ H ₂₉ N ₅ O ₅
Application Notes	LW6 is an inhibitor of malate dehydrogenase (MDH) (IC ₅₀ s: MDH1 = 1.1 μM, MDH2 = 6.3 μM). ^{1,2} It inhibits Hypoxia-Inducible Factor-1 (HIF-1) by a variety of reported mechanisms. ³⁻⁵ LW6 displayed antitumor properties in hepatocellular ⁶ and pancreatic cancer ⁷ cell lines. It promoted rat locomotor function after spinal cord injury via reduction of neuroinflammation. ⁸