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Product Datasheet

Syrosingopine, CAS [[84-36-6]] FBM-10-4688

Article Name	Syrosingopine, CAS [[84-36-6]]
Biozol Catalog Number	FBM-10-4688
Supplier Catalog Number	10-4688
Alternative Catalog Number	FBM-10-4688-5MG,FBM-10-4688-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	MCT4 inhibitor...
Molecular Weight	666.72
Purity	>98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[84-36-6]
Formula	C35H42N2O11
Application Notes	Syrosingopine is a reserpine derivative that is an inhibitor of monocarboxylate transporter 4 (IC50 MCT4 = 40 nM, IC50 MCT1 = 2.5 µM). ¹ It prevents lactate and H ⁺ efflux. Syrosingopine elicits synthetic lethality in cancer cells in combination with metformin via NAD ⁺ depletion leading to glycolytic blockade and cell death. ^{1,2} It displays anticancer activity in several cancer models including leukemia ³ , breast ⁴ , NSCLC ⁵ , and glioblastoma ⁶ . Syrosingopine was originally used to treat hypertension via its antinoradrenergic effects.