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Product Datasheet

Nicotinamide, CAS [[98-92-0]] FBM-10-2840

Article Name	Nicotinamide, CAS [[98-92-0]]
Biozol Catalog Number	FBM-10-2840
Supplier Catalog Number	10-2840
Alternative Catalog Number	FBM-10-2840-1G,FBM-10-2840-5G
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	SIRT1 inhibitor/essential nutrient...
Molecular Weight	122.13
Purity	>99% by HPLC, NMR (Conforms)
Form	White solid
CAS Number	[98-92-0]
Formula	C ₆ H ₆ N ₂ O
Application Notes	Essential nutrient (amide form of Vitamin B3) that is incorporated into cofactors NADH/NAD ⁺ , important for ATP production and other key metabolic functions. ¹ Transiently inhibits SIRT1/SIRT3 through feedback inhibition (IC ₅₀ ~ 50 µM) ² , but is quickly converted to NAD ⁺ in cells ³ . Also inhibits certain kinases (e.g. ROCK and CK1), making it a regulator of hPSC pluripotency, survival, and differentiation. ⁴ Inhibits differentiation and enhances functionality of hematopoietic stem/progenitor cells (HSPCs). ⁵