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Product Datasheet

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

Artikelname	Nicotinamide, CAS [[98-92-0]]
Artikelnummer	FBM-10-2840
Hersteller Artikelnummer	10-2840
Alternativnummer	FBM-10-2840-1G,FBM-10-2840-5G
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	SIRT1 inhibitor/essential nutrient...
Molekulargewicht	122.13
Reinheit	>99% by HPLC, NMR (Conforms)
Formulierung	White solid
CAS Nummer	[98-92-0]
Formel	C ₆ H ₆ N ₂ O
Anwendungsbeschreibung	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