

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## 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 <sub>6</sub> H <sub>6</sub> N <sub>2</sub> O
Application Notes	Essential nutrient (amide form of Vitamin B3) that is incorporated into cofactors NADH/NAD <sup>+</sup> , important for ATP production and other key metabolic functions. <sup>1</sup> Transiently inhibits SIRT1/SIRT3 through feedback inhibition (IC <sub>50</sub> ~ 50 μM) <sup>2</sup> , but is quickly converted to NAD <sup>+</sup> in cells <sup>3</sup> . Also inhibits certain kinases (e.g. ROCK and CK1), making it a regulator of hPSC pluripotency, survival, and differentiation. <sup>4</sup> Inhibits differentiation and enhances functionality of hematopoietic stem/progenitor cells (HSPCs). <sup>5</sup>