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Product Datasheet

P7C3, CAS [[301353-96-8]] FBM-10-1150

Article Name	P7C3, CAS [[301353-96-8]]
Biozol Catalog Number	FBM-10-1150
Supplier Catalog Number	10-1150
Alternative Catalog Number	FBM-10-1150-5MG,FBM-10-1150-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Neuroprotective...
Molecular Weight	474.20
Purity	98% by TLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[301353-96-8]
Formula	C21H18Br2N2O
Application Notes	P7C3 exerts proneurogenic activity by protecting newborn neurons from apoptosis. Prolonged administration to aged rats impedes neuronal death and preserves cognitive capacity.¹ Delays disease progression in G93A-SOD2 mutant mouse model of amyotrophic lateral sclerosis.² Blocks MPTP-mediated cell death of dopaminergic neurons in the substantia nigra of adult mice, a model of Parkinson disease.³ Restores hippocampal neurogenesis in a mouse model of Down Syndrome.⁴ The mechanism of action involves activation of nicotinamide phosphoribosyltransferase (NAMPT) with concomitant increase of intracellular levels of NAD.⁵ Active in vivo.