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Product Datasheet

RECTAS, CAS [[101862-47-9]] FBM-10-5273

Article Name	RECTAS, CAS [[101862-47-9]]
Biozol Catalog Number	FBM-10-5273
Supplier Catalog Number	10-5273
Alternative Catalog Number	FBM-10-5273-5MG, FBM-10-5273-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	pre-mRNA splicing modulator...
Molecular Weight	249.66
Purity	>98% by TLC NMR (Conforms)
Form	Pale yellow solid
CAS Number	[101862-47-9]
Formula	C10H8CIN5O
Application Notes	RECTAS, a pre-mRNA splice modulator (Rectifier of Aberrant Splicing), was discovered in a small molecule screen for compounds that rectify aberrant IKBKAP splicing in cells from patients with familial dysautonomia. RECTAS (2 mM) increased the expression of IKAP and restored tRNA modifications. ^{1,2} It directly interacts with CDC-like kinases enhancing SRSF6 phosphorylation. ² A combination treatment with RECTAS and phenylbutyric acid was shown to restore DJ-1 protein and mitochondrial dysfunction in Parkinsons disease models. ³