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Product Datasheet

NR2E3 agonist 11a, CAS [[911211-69-3]] FBM-10-4866

Article Name	NR2E3 agonist 11a, CAS [[911211-69-3]]
Biozol Catalog Number	FBM-10-4866
Supplier Catalog Number	10-4866
Alternative Catalog Number	FBM-10-4866-5MG,FBM-10-4866-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	NR2E3 agonist...
Molecular Weight	430.89
Purity	>98% by TLC NMR (Conforms)
Form	Pale yellow solid
CAS Number	[911211-69-3]
Formula	C ₂₄ H ₁₉ CIN ₄ O ₂
Application Notes	11a is an agonist of the photoreceptor-specific nuclear receptor (NR2E3, PNR, RNR), found in rod photoreceptor cells (EC ₅₀ = 141 nM β-lactamase assay, 35 nM NCOR assay). ¹ An interesting tool for targeting age-related macular degeneration. 11a was able to increase p53 activation in uterine cancer tumors suggesting NR2E3 agonism as a new anti-cancer strategy. ² A previous study found that cytotoxicity of 11a was due to G1/S phase cell cycle arrest rather than NR2E3 agonism. ³