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Product Datasheet

XIB4035, CAS [[10023-54-8]]

FBM-10-1486

Artikelname	XIB4035, CAS [[10023-54-8]]
Artikelnummer	FBM-10-1486
Hersteller Artikelnummer	10-1486
Alternativnummer	FBM-10-1486-5MG,FBM-10-1486-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	GFRalpha1 agonist...
Molekulargewicht	750.45
Reinheit	98% by TLC, NMR (Conforms)
Formulierung	Light brown solid
CAS Nummer	[10023-54-8]
Formel	C ₂₆ H ₃₁ Cl ₂ N ₃ 3(H ₃ PO ₄)
Anwendungsbeschreibung	A novel small molecule thought to be an agonist at the glial cell line-derived neurotrophic factor (GDNF) family receptor alpha-1 GFRalpha-1. It inhibits radiolabeled GDNF binding in Neuro-2A cells in a concentration dependent manner IC₅₀=10.4 μM. Like GDNF, it induced Ret autophosphorylation and promoted neurite outgrowth in Neuro-2A cells¹. Recent studies indicate that it enhances GFRalpha family receptor signaling in conjunction with ligand stimulation. Effective treatment for small-fiber neuropathy in mouse models of the disease.^{2,3} GDNF agonists may be a new class of Parkinsons disease therapeutics.⁴