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Product Datasheet

Levetiracetam, CAS [[102767-28-2]] FBM-10-2040

Artikelname	Levetiracetam, CAS [[102767-28-2]]
Artikelnummer	FBM-10-2040
Hersteller Artikelnummer	10-2040
Alternativnummer	FBM-10-2040-10MG,FBM-10-2040-50MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Anticonvulsant...
Molekulargewicht	170.21
Reinheit	98% by HPLC NMR (conforms)
Formulierung	White solid
CAS Nummer	[102767-28-2]
Formel	C29H14N2O2
Anwendungsbeschreibung	Levetiracetam is a clinically useful non-classical anticonvulsant.¹ It has no effect on voltage-dependent Na⁺ channels, GABAergic transmission, or affinity for either GABAergic or glutaminergic receptors.^{2,3} Levetiracetam is believed to act via binding to the synaptic vesicle protein SV2A.⁴ Levetiracetam reduced intra-neuronal Ca²⁺ levels by inhibition of ryanodine and IP3 receptor-dependent Ca²⁺ release from the endoplasmic reticulum.⁵ It was also observed to lower the pH of neocortical pyramidal cells via weakening of the transmembrane HCO₃⁻-mediated acid-extrusion.⁶