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Product Datasheet

CBD3063 **FBM-10-4954**

Artikelname	CBD3063
Artikelnummer	FBM-10-4954
Hersteller Artikelnummer	10-4954
Alternativnummer	FBM-10-4954-5MG,FBM-10-4954-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Cav2.2 blocker...
Molekulargewicht	319.41
Reinheit	>98% by HPLC (NMR Conforms)
Formulierung	White solid
CAS Nummer	[1281060-70-5]
Formel	C16H25N5O2

Anwendungsbeschreibung	CBD3063 is a first-in-class modulator of the Cav2.2 channel that disrupts Cav2.2 interaction with the cytosolic auxiliary subunit collapsing response mediator protein 2 (CRMP2). CBD3063 antagonizes Cav2.2 function and blocks neuropathic and inflammatory pain in mouse models. In contrast to gabapentin (a clinically useful Cav2.2 blocker), CBD3063 did not affect somatosensation and did not compromise the protective role of pain in mice. CBD3063 did not induce sedative, affective, or cognitive effects in mice. It also induced anxiolytic-like effects suggesting partial blood-brain barrier penetration. CBD3063 represents a potential new and superior therapeutic agent for chronic pain.
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