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Product Datasheet

Pridopidine, CAS [[346688-38-8]] FBM-10-4003

Artikelname	Pridopidine, CAS [[346688-38-8]]
Artikelnummer	FBM-10-4003
Hersteller Artikelnummer	10-4003
Alternativnummer	FBM-10-4003-5MG,FBM-10-4003-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Sigma-1 ligand/neuroprotective/restorative...
Molekulargewicht	281.41
Reinheit	98% by TLC NMR (Conforms)
Formulierung	Off-white solid
CAS Nummer	[346688-38-8]
Formel	C15H23NO2S

Anwendungsbeschreibung

Pridopidine is being studied as a potential treatment for Huntingtons disease, Parkinsons disease, and schizophrenia based on its locomotor stabilizing and antipsychotic-like effects.^{1,2} It was, unusually, able to reverse both hypo- and hyperdopaminergia depending on local dopamine concentrations without inducing catalepsy. This was originally attributed to functional dopamine D2 antagonism with fast on/off kinetics ("dopamine stabilizer").³ More recent studies have attributed pridopidines effects to its being a more potent sigma-1 ligand than a D2 ligand.^{4,5} Displays neuroprotective/restorative effects^{6,7} and ameliorates central features of amyotrophic lateral sclerosis pathology⁸ in a sigma-1-mediated manner