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Product Datasheet

Riluzole, CAS [[1744-22-5]]
FBM-10-2815

Artikelname	Riluzole, CAS [[1744-22-5]]
Artikelnummer	FBM-10-2815
Hersteller Artikelnummer	10-2815
Alternativnummer	FBM-10-2815-20MG,FBM-10-2815-100MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Sodium channel blocker / Neuroprotective...
Molekulargewicht	234.20
Reinheit	98% by TLC, NMR (Conforms)
Formulierung	White solid
CAS Nummer	[1744-22-5]
Formel	C8H5F3N2OS
Anwendungsbeschreibung	Riluzole is a clinically useful drug for the treatment of amyotrophic lateral sclerosis (ALS).¹ Riluzole inhibits glutamate release via inactivation of voltage-dependent ion channels, effects expression and signal transduction of glutamate receptors, and facilitates glutamate uptake.^{2,3,4} It has also been investigated as a treatment for depression and anxiety.⁵ Riluzole induced apoptosis in mGluR1-expressing melanoma cells⁶, inhibited cell proliferation in a U87MG glioblastoma model via blockage of glutamate release⁷, and inhibited the growth of brain tumor stem-like cells via downregulation of GLUT3.