

FLY26

Chemical Properties

CAS No. :

Formula: C₂₂H₂₃N₅O₃

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	FLY26 is a selective partial antagonist of GluN2B, with an IC ₅₀ value of 0.64 μM. FLY26 inhibits the GluN2B subunit of NMDA receptors, reducing calcium ion influx and reactive oxygen species (ROS) production. It also activates the BDNF/TrkB/CREB neuroprotective signaling pathway, mitigating excitotoxicity and mitochondrial dysfunction. FLY26 holds potential for treating neurological deficits caused by cerebral ischemia-reperfusion injury.
Targets(IC ₅₀)	Reactive Oxygen Species, iGluR, Trk receptor

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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