

Nav1.2-IN-1

Chemical Properties

CAS No. : 3084825-09-9

Formula: C₂₀H₁₈F₃N₃

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	Nav1.2-IN-1 (compound 5i) is a 3-(1,2,3,6-tetrahydropyridine)-4-azaindole derivative that acts as a potent and selective Nav1.2 inhibitor. It effectively reduces the peak current of Nav1.2 with an IC ₅₀ of 7.79 μM. Nav1.2-IN-1 demonstrates antiepileptic activity and shows strong anticonvulsant effects with low neurotoxicity in a subcutaneous pentylenetetrazol (sc-PTZ) induced seizure model.
Targets(IC50)	Sodium Channel

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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