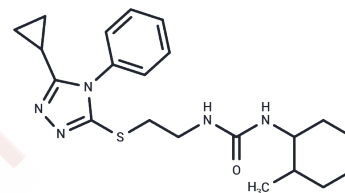


MFN2 agonist-1

Chemical Properties

CAS No. : 2230047-87-5
 Formula: C₂₁H₂₉N₅O₅
 Molecular Weight: 399.55
 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	MFN2 agonist-1 (B-A/l) effectively induces mitochondrial fusion and counteracts mitochondrial clumping [formation of static mitochondrial aggregates], reinstating mitochondrial movement in cultured mouse neurons deficient in mitofusin 2 (MFN2) and harboring the CMT2A-associated MFN2 T105M mutation.
Targets(IC50)	Others,Mitochondrial Metabolism

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5028 mL	12.5141 mL	25.0282 mL
5 mM	0.5006 mL	2.5028 mL	5.0056 mL
10 mM	0.2503 mL	1.2514 mL	2.5028 mL
50 mM	0.0501 mL	0.2503 mL	0.5006 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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