

AK-4

Chemical Properties

CAS No. :

Formula: C₂₁H₁₄Cl₂N₂O₄S

Molecular Weight: 461.32

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	AK-4 is an antidiabetic agent that functions as a mitochondrial uncoupler.
Targets(IC50)	Mitochondrial Metabolism

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1677 mL	10.8385 mL	21.6769 mL
5 mM	0.4335 mL	2.1677 mL	4.3354 mL
10 mM	0.2168 mL	1.0838 mL	2.1677 mL
50 mM	0.0434 mL	0.2168 mL	0.4335 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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