

Bleformin A

Chemical Properties

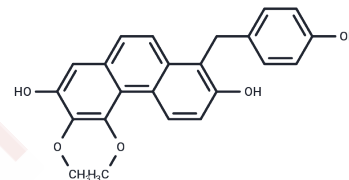
CAS No. : 1980064-35-4

Formula: C₂₃H₂₀O₅

Molecular Weight: 376.4

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	Bleformin A, a natural product isolated from <i>Bletilla striata</i> , serves as a potent butyrylcholinesterase (BChE) inhibitor, exhibiting an IC ₅₀ value of 5.2 μM. It is utilized in Alzheimer's disease (AD) research [1].
Targets(IC50)	Others,Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6567 mL	13.2837 mL	26.5675 mL
5 mM	0.5313 mL	2.6567 mL	5.3135 mL
10 mM	0.2657 mL	1.3284 mL	2.6567 mL
50 mM	0.0531 mL	0.2657 mL	0.5313 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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