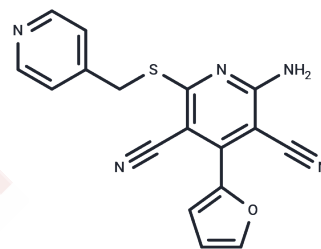


Carbonic anhydrase activator 1

Chemical Properties

CAS No. :	2374923-30-3
Formula:	C ₁₇ H ₁₁ N ₅ O ₅
Molecular Weight:	333.37
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	Carbonic anhydrase activator 1 (Compound 17) is an orally active compound capable of penetrating the blood-brain barrier (BBB), and acts as an activator of carbonic anhydrase (CA). It exhibits KA values of 7.8 μ M for hCA I, 3.9 μ M for hCA VA, and 2.1 μ M for hCA VII. Carbonic anhydrase activator 1 is applicable to research in cancer, glaucoma, cardiovascular diseases, and neurodegenerative disorders such as epilepsy.
Targets(IC50)	Carbonic Anhydrase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9997 mL	14.9984 mL	29.9967 mL
5 mM	0.5999 mL	2.9997 mL	5.9993 mL
10 mM	0.300 mL	1.4998 mL	2.9997 mL
50 mM	0.060 mL	0.300 mL	0.5999 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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