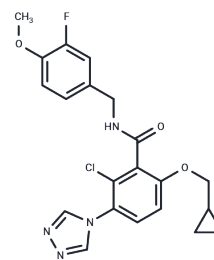


ALDH2 activator 1

Chemical Properties

CAS No. :	2988020-77-3
Formula:	C ₂₁ H ₂₀ ClFN ₄ O ₃
Molecular Weight:	430.86
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	ALDH2activator 1 (Compound Z17) is an allosteric activator of aldehyde dehydrogenase 2 (ALDH2). This compound improves cardiac function and reduces myocardial necrosis in a mouse model of ischemia-reperfusion. ALDH2activator 1 holds potential for research in cardiovascular diseases, such as myocardial infarction (MI).
Targets(IC50)	Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3209 mL	11.6047 mL	23.2094 mL
5 mM	0.4642 mL	2.3209 mL	4.6419 mL
10 mM	0.2321 mL	1.1605 mL	2.3209 mL
50 mM	0.0464 mL	0.2321 mL	0.4642 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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