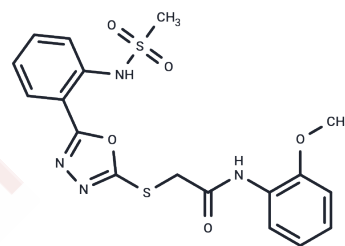


ALR1/2-IN-1

Chemical Properties

CAS No. : 2419233-57-9
 Formula: C₁₈H₁₈N₄O₅S₂
 Molecular Weight: 434.49
 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	ALR1/2-IN-1 (Compound 6e) is an aldehyde reductase (ALR1) inhibitor (IC ₅₀ : 3.26 μM) and aldose reductase (ALR2) inhibitor (IC ₅₀ : 3.06 μM) with anticancer effects.
Targets(IC ₅₀)	Others,Reductase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3015 mL	11.5077 mL	23.0155 mL
5 mM	0.4603 mL	2.3015 mL	4.6031 mL
10 mM	0.2302 mL	1.1508 mL	2.3015 mL
50 mM	0.046 mL	0.2302 mL	0.4603 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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