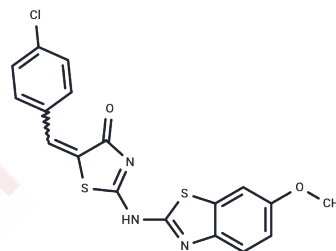


Aldose reductase-IN-3

Chemical Properties

CAS No. :	1390616-76-8
Formula:	C ₁₈ H ₁₂ ClN ₃ O ₂ S ₂
Molecular Weight:	401.89
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	Aldose reductase-IN-3 (Compound 5) is an effective and moderately selective aldose reductase (AR) inhibitor (IC ₅₀ =3.99 μM) with research potential in sepsis, a molecular target involved in various inflammatory diseases (including sepsis).
Targets(IC ₅₀)	Others,Reductase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4882 mL	12.4412 mL	24.8824 mL
5 mM	0.4976 mL	2.4882 mL	4.9765 mL
10 mM	0.2488 mL	1.2441 mL	2.4882 mL
50 mM	0.0498 mL	0.2488 mL	0.4976 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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