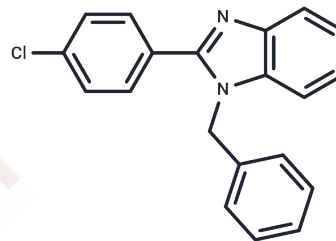


## ALDH1A1-IN-4

## Chemical Properties

CAS No. :	23982-86-7
Formula:	C <sub>20</sub> H <sub>15</sub> ClN <sub>2</sub>
Molecular Weight:	318.80
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	ALDH1A1-IN-4 (compound A1) functions as a powerful inhibitor of aldehyde dehydrogenase (ALDH) A1, exhibiting an IC <sub>50</sub> value of 0.32 μM. This compound is significant in cancer research [1].
Targets(IC <sub>50</sub> )	Dehydrogenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1368 mL	15.6838 mL	31.3676 mL
5 mM	0.6274 mL	3.1368 mL	6.2735 mL
10 mM	0.3137 mL	1.5684 mL	3.1368 mL
50 mM	0.0627 mL	0.3137 mL	0.6274 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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