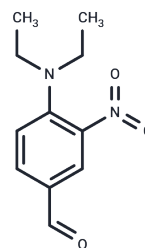


## ALDH3A1-IN-2

## Chemical Properties

CAS No. :	374635-48-0
Formula:	C <sub>11</sub> H <sub>14</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	222.24
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	ALDH3A1-IN-2 (Compound 19), a potent inhibitor of aldehyde dehydrogenases (ALDHs), demonstrates high efficacy against ALDH3A1 with an IC <sub>50</sub> of 1.29 μM. Given the overexpression of ALDHs in multiple tumor types, including prostate cancer, ALDH3A1-IN-2 holds significant potential for cancer research [1].
Targets(IC <sub>50</sub> )	Others,Dehydrogenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4996 mL	22.4982 mL	44.9964 mL
5 mM	0.8999 mL	4.4996 mL	8.9993 mL
10 mM	0.450 mL	2.2498 mL	4.4996 mL
50 mM	0.090 mL	0.450 mL	0.8999 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481