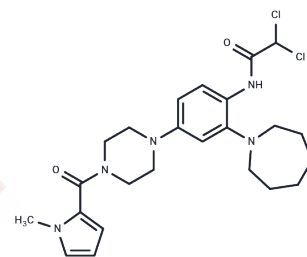


FSI-TN42

## Chemical Properties

CAS No. : 2445840-25-3  
 Formula: C<sub>24</sub>H<sub>31</sub>Cl<sub>2</sub>N<sub>5</sub>O<sub>2</sub>  
 Molecular Weight: 492.44  
 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	ALDH1A1/2-IN-1, an inhibitor of ALDH1A1 and ALDH1A2, can be used to prevent spermatogenesis [1].
Targets(IC50)	Dehydrogenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0307 mL	10.1535 mL	20.307 mL
5 mM	0.4061 mL	2.0307 mL	4.0614 mL
10 mM	0.2031 mL	1.0154 mL	2.0307 mL
50 mM	0.0406 mL	0.2031 mL	0.4061 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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