

iZMYND8-34

## Chemical Properties

CAS No. : 1358901-59-3

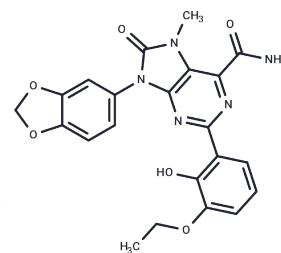
Formula: C22H19N5O6

Molecular Weight: 449.42

Store at low temperature

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	iZMYND8-34 is an inhibitor targeting the histone decoder ZMYND8, suppressing its histone recognition and blocking neuroendocrine prostate cancer (NEPC) progression.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 3.2 mg/mL (7.12 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2251 mL	11.1255 mL	22.2509 mL
5 mM	0.445 mL	2.2251 mL	4.4502 mL
10 mM	0.2225 mL	1.1125 mL	2.2251 mL
50 mM	0.0445 mL	0.2225 mL	0.445 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.

## Reference

Wang H, et, al. Targeting the histone reader ZMYND8 inhibits antiandrogen-induced neuroendocrine tumor transdifferentiation of prostate cancer. Nat Cancer. 2025 Apr;6(4):629-646.

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