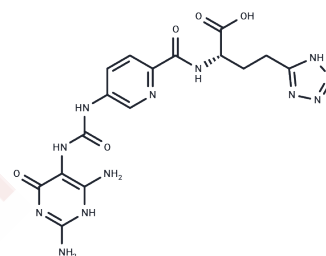


TH9028

## Chemical Properties

CAS No. : 2379556-15-5  
 Formula: C<sub>16</sub>H<sub>18</sub>N<sub>12</sub>O<sub>5</sub>  
 Molecular Weight: 458.39  
 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	TH9028 is an inhibitor of MTHFD2, featuring an IC <sub>50</sub> value of 11 nM. It demonstrates specific inhibitory activity with IC <sub>50</sub> values of 7.97 nM, 27 nM, and 0.5 nM against hMTHFD2, MTHFD2L, and MTHFD1, respectively.
Targets(IC <sub>50</sub> )	Dehydrogenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1815 mL	10.9077 mL	21.8155 mL
5 mM	0.4363 mL	2.1815 mL	4.3631 mL
10 mM	0.2182 mL	1.0908 mL	2.1815 mL
50 mM	0.0436 mL	0.2182 mL	0.4363 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481