

PDK-IN-1

## Chemical Properties

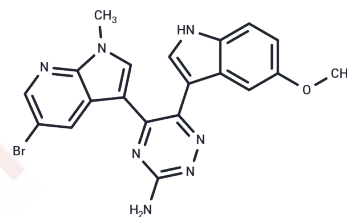
CAS No. : 2897696-10-3

Formula: C<sub>20</sub>H<sub>16</sub>BrN<sub>7</sub>O

Molecular Weight: 450.29

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	PDK-IN-1 (compound 7o), a pyruvate dehydrogenase kinase (PDK) inhibitor, exhibits IC <sub>50</sub> values of 0.03 and 0.1 μM against PDK1 and HSP90, respectively. This compound effectively targets the PDH/PDK axis, significantly reducing tumor mass [1].
Targets(IC <sub>50</sub> )	Others,HSP,Dehydrogenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2208 mL	11.104 mL	22.2079 mL
5 mM	0.4442 mL	2.2208 mL	4.4416 mL
10 mM	0.2221 mL	1.1104 mL	2.2208 mL
50 mM	0.0444 mL	0.2221 mL	0.4442 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