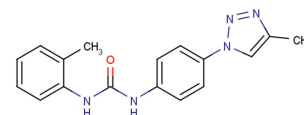


DDX3-IN-1

**Chemical Properties**

CAS No.: 1919828-83-3  
Formula: C<sub>17</sub>H<sub>17</sub>N<sub>5</sub>O  
Molecular Weight: 307.35  
Appearance: N/A  
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	DDX3-IN-1 is a DEAD-box polypeptide 3 (DDX3) inhibitor with CC <sub>50</sub> of 50 and 36 μM for HIV and HCV, respectively. Antiviral activity.
Targets(IC <sub>50</sub> )	Others: None

**Solubility Information**

Solubility	DMSO: 125 mg/mL (406.70 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.254 mL	16.268 mL	32.536 mL
5 mM	0.651 mL	3.254 mL	6.507 mL
10 mM	0.325 mL	1.627 mL	3.254 mL
50 mM	0.065 mL	0.325 mL	0.651 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Brai A, et al. Human DDX3 protein is a valuable target to develop broad spectrum antiviral agents. Proc Natl Acad Sci U S A. 2016 May 10;113(19):5388-93.

Inhibitors · Natural Compounds · Compound Libraries

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

Tel:781-999-4286

E-mail:[info@targetmol.com](mailto:info@targetmol.com)

Address:36 Washington Street,Wellesley Hills,MA 02481