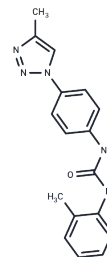


## DDX3-IN-1

## 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:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	DDX3-IN-1 is a DEAD-box polypeptide 3 (DDX3) inhibitor with CC50 of 50 and 36 $\mu$ M for HIV and HCV, respectively. Antiviral activity.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 125 mg/mL (406.70 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	3.2536 mL	16.2681 mL	32.5362 mL
5 mM	0.6507 mL	3.2536 mL	6.5072 mL
10 mM	0.3254 mL	1.6268 mL	3.2536 mL
50 mM	0.0651 mL	0.3254 mL	0.6507 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.

## Reference

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.

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