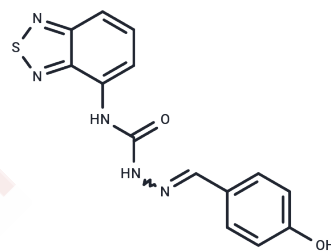


## HIV-1 Inhibitor 18A

## Chemical Properties

CAS No. :	331261-50-8
Formula:	C <sub>14</sub> H <sub>11</sub> N <sub>5</sub> O <sub>2</sub> S
Molecular Weight:	313.33
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	HIV-1 Inhibitor 18A (HIV-1 Inhibitor-18A) specifically inhibits the entry of multiple HIV-1 isolates.
Targets(IC50)	HIV Protease

## Solubility Information

Solubility	DMSO: 50 mg/mL (159.58 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	3.1915 mL	15.9576 mL	31.9152 mL
5 mM	0.6383 mL	3.1915 mL	6.383 mL
10 mM	0.3192 mL	1.5958 mL	3.1915 mL
50 mM	0.0638 mL	0.3192 mL	0.6383 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

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