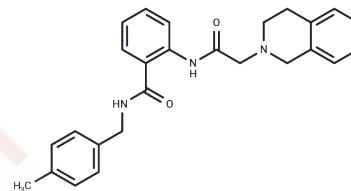


gp120- $\alpha$ 4 $\beta$ 7 binding inhibitor 11

## Chemical Properties

CAS No. : 869474-87-3  
 Formula: C<sub>26</sub>H<sub>27</sub>N<sub>3</sub>O<sub>2</sub>  
 Molecular Weight: 413.51  
 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	gp120- $\alpha$ 4 $\beta$ 7 binding inhibitor 11 is an anti-HIV agent. gp120- $\alpha$ 4 $\beta$ 7 binding inhibitor 11 interferes the binding of HIV associated glycoprotein gp12G with the integrin $\alpha$ 4 $\beta$ 7 (IC <sub>50</sub> =1.64nM).
Targets(IC <sub>50</sub> )	HIV Protease

## Solubility Information

Solubility	DMSO: 50 mg/mL (120.92 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	2.4183 mL	12.0916 mL	24.1832 mL
5 mM	0.4837 mL	2.4183 mL	4.8366 mL
10 mM	0.2418 mL	1.2092 mL	2.4183 mL
50 mM	0.0484 mL	0.2418 mL	0.4837 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

Current Patent Assignee: KFLP BIOTECH - WO2014/52605, 2014, A1

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