# Data Sheet (Cat.No.T26828)



### **BIT225**

## **Chemical Properties**

CAS No.: 917909-71-8

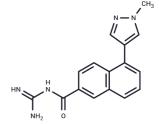
Formula: C16H15N5O

Molecular Weight: 293.32

Appearance: no data available

Storage: store at low temperature

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



# **Biological Description**

Description	BIT225 is a human immunodeficiency virus type 1 Vpu inhibitor with antiviral activity that inhibits HIV-1 replication in bone marrow dendritic cells and inhibits ion channels formed by HIV-1 Vpu.
Targets(IC50)	Antiviral

## **Preparing Stock Solutions**

(A)	1mg	5mg	10mg
1 mM	3.4092 mL	17.0462 mL	34.0925 mL
5 mM	0.6818 mL	3.4092 mL	6.8185 mL
10 mM	0.3409 mL	1.7046 mL	3.4092 mL
50 mM	0.0682 mL	0.3409 mL	0.6818 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

Khoury G, et al. The antiviral compound BIT225 inhibits HIV-1 replication in myeloid dendritic cells. AIDS Res Ther. 2016 Feb 8;13:7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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