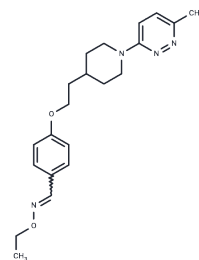


BTA-188

## Chemical Properties

CAS No. : 314062-80-1  
 Formula: C<sub>21</sub>H<sub>28</sub>N<sub>4</sub>O<sub>2</sub>  
 Molecular Weight: 368.47  
 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	BTA-188 is one of the most potent analogues of novel and orally active synthetic benzoxazole and benzothiazole derivatives with significant anti-rhinovirus activity.
Targets(IC50)	Antiviral, Virus Protease

## Solubility Information

Solubility	DMSO: 25 mg/mL (67.85 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	2.7139 mL	13.5696 mL	27.1393 mL
5 mM	0.5428 mL	2.7139 mL	5.4279 mL
10 mM	0.2714 mL	1.357 mL	2.7139 mL
50 mM	0.0543 mL	0.2714 mL	0.5428 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

Feil SC, et al. An Orally Available 3-Ethoxybenzoxazole Capsid Binder with Clinical Activity against Human Rhinovirus. ACS Med Chem Lett. 2012;3(4):303-307.

Brown RN, et al. 2-Ethoxybenzoxazole as a bioisosteric replacement of an ethyl benzoate group in a human rhinovirus (HRV) capsid binder. Bioorg Med Chem Lett. 2005;15(8):2051-2055.

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