

DF-1012 FA

## Chemical Properties

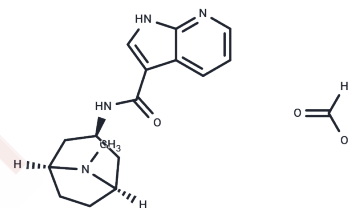
CAS No. :

Formula: C17H22N4O3

Molecular Weight: 330.382

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	DF-1012 FA is a structural analog of DF-1012, a neuropeptide inhibitor used in the study of asthma and cough.
Targets(IC50)	Neuropeptide Y Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0268 mL	15.1341 mL	30.2682 mL
5 mM	0.6054 mL	3.0268 mL	6.0536 mL
10 mM	0.3027 mL	1.5134 mL	3.0268 mL
50 mM	0.0605 mL	0.3027 mL	0.6054 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

Melo F, et al. Effect of frothers and solid particles on the rate of water transfer to froth. International Journal of Mineral Processing, 2007, 84(1-4): 33-40.

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