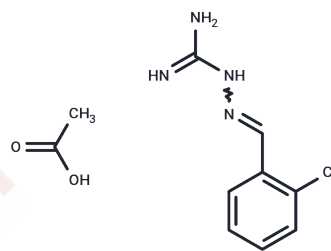


## IFB-088 acetate

## Chemical Properties

CAS No. :	469866-31-7
Formula:	C <sub>10</sub> H <sub>13</sub> ClN <sub>4</sub> O <sub>2</sub>
Molecular Weight:	256.69
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	IFB-088 acetate, a benzyl guanidine derivative, is used to treat diseases and cancers associated with the PPP1R15A pathway and associated with protein misfolding stress, Examples include tau disease, synaptic riboprotein disease, polyglutamine and polyalanine diseases, leukodystrophy, cystic fibrosis, multiple sclerosis, lysosome storage disorders, amyloidosis diseases, inflammation, metabolic disorders, cardiovascular diseases, osteoporosis, neurological trauma, and more.
Targets(IC50)	Phosphatase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8957 mL	19.4787 mL	38.9575 mL
5 mM	0.7791 mL	3.8957 mL	7.7915 mL
10 mM	0.3896 mL	1.9479 mL	3.8957 mL
50 mM	0.0779 mL	0.3896 mL	0.7791 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

Bai Y, et al. Treatment with IFB-088 Improves Neuropathy in CMT1A and CMT1B Mice. Mol Neurobiol. 2022;59(7): 4159-4178.

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