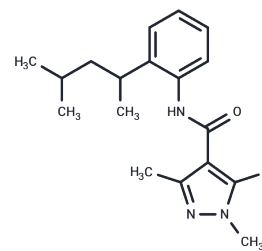


## Penflufen

## Chemical Properties

CAS No. :	494793-67-8
Formula:	C <sub>18</sub> H <sub>24</sub> FN <sub>3</sub> O
Molecular Weight:	317.4
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	Penflufen, a broad-spectrum succinate dehydrogenase inhibitor (SDHI), serves effectively as a fungicide. It demonstrates broad bioactivity against a variety of fungal diseases such as potato black scurf, wheat sharp eyespot, rice sheath blight, and root rot in peanuts, among others [1].
Targets(IC50)	Others,Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1506 mL	15.753 mL	31.506 mL
5 mM	0.6301 mL	3.1506 mL	6.3012 mL
10 mM	0.3151 mL	1.5753 mL	3.1506 mL
50 mM	0.063 mL	0.3151 mL	0.6301 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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