

## Aminopyrifen

## Chemical Properties

CAS No. :	1531626-08-0
Formula:	C <sub>20</sub> H <sub>18</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	334.37
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	Aminopyrifen is a phenylpyridine fungicide that specifically inhibits GWT-1, a key acyltransferase in the biosynthesis of glycosylphosphatidylinositol (GPI) anchors. It is commonly used in agricultural disease control research and exhibits broad-spectrum, high activity against both ascomycete and basidiomycete pathogens.
Targets(IC50)	Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9907 mL	14.9535 mL	29.907 mL
5 mM	0.5981 mL	2.9907 mL	5.9814 mL
10 mM	0.2991 mL	1.4953 mL	2.9907 mL
50 mM	0.0598 mL	0.2991 mL	0.5981 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

Hatamoto M, et al. Aminopyrifen, a novel 2-aminonicotinate fungicide with a unique effect and broad-spectrum activity against plant pathogenic fungi. J Pestic Sci. 2021;46(2):198-205.

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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481