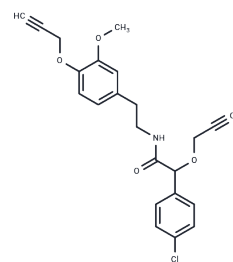


Mandipropamid

Chemical Properties

CAS No. :	374726-62-2
Formula:	C ₂₃ H ₂₂ ClNO ₄
Molecular Weight:	411.88
Storage:	Keep away from direct sunlight, Store at low temperature, Keep away from moisture 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	Mandipropamid is an agrochemical inducer that specifically induces complex formation between hexameric mutants of the phytohormone receptor pyrabactin-resistant 1 (PYR1) and abscisic acid insensitive (ABI).
Targets(IC50)	Antibiotic

Solubility Information

Solubility	DMSO: 80 mg/mL(194.23 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	2.4279 mL	12.1395 mL	24.2789 mL
5 mM	0.4856 mL	2.4279 mL	4.8558 mL
10 mM	0.2428 mL	1.2139 mL	2.4279 mL
50 mM	0.0486 mL	0.2428 mL	0.4856 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

Lamberth C, et al. Synthesis and fungicidal activity of N-2-(3-methoxy-4-propargyloxy)phenethyl amides. Part II: anti-oomycetic mandelamides. Pest Manag Sci. 2006 May;62(5):446-51.

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