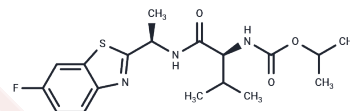


Benthiavalicarb isopropyl

Chemical Properties

CAS No. : 177406-68-7
 Formula: C₁₈H₂₄FN₃O₃S
 Molecular Weight: 381.46
 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	Benthiavalicarb isopropyl is a fungicide, specifically targeting downy mildew and blight.
Targets(IC50)	Others,Antifungal

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6215 mL	13.1075 mL	26.2151 mL
5 mM	0.5243 mL	2.6215 mL	5.243 mL
10 mM	0.2622 mL	1.3108 mL	2.6215 mL
50 mM	0.0524 mL	0.2622 mL	0.5243 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

Yoshida M, Inoue K, Takahashi M. Predictive modes of action of pesticides in uterine adenocarcinoma development in rats. *J Toxicol Pathol.* 2015 Oct;28(4):207-16. doi: 10.1293/tox.2015-0026. Epub 2015 Aug 27. Erratum in: *J Toxicol Pathol.* 2016 Jan;29(1):74. PubMed PMID: 26538810; PubMed Central PMCID: PMC4604130.

Noguerol-Pato R, Torrado-Agrasar A, González-Barreiro C, Cancho-Grande B, Simal-Gándara J. Influence of new generation fungicides on *Saccharomyces cerevisiae* growth, grape must fermentation and aroma biosynthesis. *Food Chem.* 2014 Mar 1;146:234-41. doi: 10.1016/j.foodchem.2013.09.058. Epub 2013 Sep 19. PubMed PMID: 24176337.

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