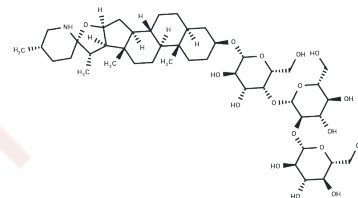


β -Tomatine

Chemical Properties

CAS No. :	17406-46-1
Formula:	C ₄₅ H ₇₅ NO ₁₇
Molecular Weight:	902.085
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	β -Tomatine, a derivative of α -tomatine, is a fungitoxic compound that efficiently inhibits plant defense responses.
Targets(IC50)	Others,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1085 mL	5.5427 mL	11.0854 mL
5 mM	0.2217 mL	1.1085 mL	2.2171 mL
10 mM	0.1109 mL	0.5543 mL	1.1085 mL
50 mM	0.0222 mL	0.1109 mL	0.2217 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

Bilal Ökmen, et al. Detoxification of α -tomatine by *Cladosporium fulvum* is required for full virulence on tomato. *New Phytol.* 2013 Jun;198(4):1203-14.

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