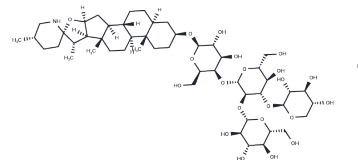


Tomatine hydrochloride

Chemical Properties

CAS No. :	17605-83-3
Formula:	C ₅₀ H ₈₄ ClNO ₂₁
Molecular Weight:	1070.65
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Tomatine hydrochloride is an alkaloid that occurs in the extract of leaves of wild tomato plants. It inhibits the growth of many fungi and bacteria. It is used as a precipitating agent for steroids.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.934 mL	4.6701 mL	9.3401 mL
5 mM	0.1868 mL	0.934 mL	1.868 mL
10 mM	0.0934 mL	0.467 mL	0.934 mL
50 mM	0.0187 mL	0.0934 mL	0.1868 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.

Reference

Polireddy K, Khan MM, Chavan H, Young S, Ma X, Waller A, Garcia M, Perez D, Chavez S, Strouse JJ, Haynes MK, Bologa CG, Oprea TI, Tegos GP, Sklar LA, Krishnamurthy P. A novel flow cytometric HTS assay reveals functional

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