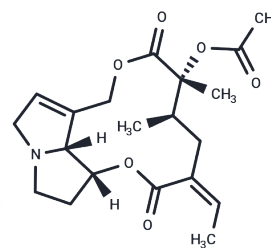


Senecionine acetate

Chemical Properties

CAS No. :	126642-77-1
Formula:	C ₂₀ H ₂₇ N ₁ O ₆
Molecular Weight:	377.43
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	Senecionine acetate (O-Acetyl-senecionine), a pyrrolizidine alkaloid, inhibits the sequestration of Ca ²⁺ in both extramitochondrial and mitochondrial compartments, likely through the inactivation of free sulfhydryl groups [1].
Targets(IC50)	Others, Mitochondrial Metabolism

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6495 mL	13.2475 mL	26.495 mL
5 mM	0.5299 mL	2.6495 mL	5.299 mL
10 mM	0.2649 mL	1.3247 mL	2.6495 mL
50 mM	0.053 mL	0.2649 mL	0.5299 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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