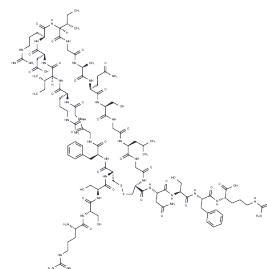


## Auriculin A

## Chemical Properties

CAS No. :	91421-87-3
Formula:	C104H168N38O33S2
Molecular Weight:	2542.81
Storage:	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	Auriculin A, a synthetic atrial natriuretic factor (ANF), exhibits hemodynamic properties by antagonizing renal vasoconstriction in dogs and affects arterial baroreflex regulation of heart rate, systemic blood pressure, and constant flow-perfused hind limb perfusion pressure in rabbits [1] [2].
In vivo	Auriculin A, administered intravenously at a dose of 0.3 µg/min/kg for 30 minutes, counteracts renal vasoconstriction in canines [1]. At a different dosing regimen—2 µg/kg initially, followed by 0.2 µg/kg/min for 45 minutes, intravenously—Auriculin A affects arterial baroreflex regulation of heart rate, systemic blood pressure, and constant flow-induced perfusion pressure in the hind limbs of rabbits [2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3933 mL	1.9663 mL	3.9327 mL
5 mM	0.0787 mL	0.3933 mL	0.7865 mL
10 mM	0.0393 mL	0.1966 mL	0.3933 mL
50 mM	0.0079 mL	0.0393 mL	0.0787 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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