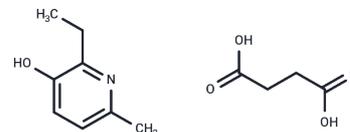


## Emoxypine Succinate

## Chemical Properties

CAS No. :	127464-43-1
Formula:	C <sub>8</sub> H <sub>11</sub> NO.C <sub>4</sub> H <sub>6</sub> O <sub>4</sub>
Molecular Weight:	255.27
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Emoxypine Succinate is an antioxidant.
Targets(IC50)	Others
In vivo	Intracoronary administration of emoxypine caused the dose-dependent increase in the average coronary blood flow without changing the parameters of cardiohemodynamics. Emoxypine failed to change the structure of the phase coronary blood flow. When administered at the concentration of 5.10(-4)M emoxypine increased the volume rate of the perfusate outflow from the rat isolated heart cavities and decreased the value of potassium contracture of isolated segments of the coronary vessels. The data obtained indicate the direct coronarolytic action of emoxypine[1].

## Solubility Information

Solubility	DMSO: 30 mg/mL (117.52 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9174 mL	19.5871 mL	39.1742 mL
5 mM	0.7835 mL	3.9174 mL	7.8348 mL
10 mM	0.3917 mL	1.9587 mL	3.9174 mL
50 mM	0.0783 mL	0.3917 mL	0.7835 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

Pashin E N , Shvedova A A . [The effect of the synthetic antioxidant emoxypine on the tonus of the coronary vessels][J]. farmakologiya i toksikologiya, 1989, 52(5):17-19.

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