Data Sheet (Cat.No.T31383)



D-Epinephrine

Chemical Properties

CAS No.: 150-05-0

Formula: C9H13NO3

Molecular Weight: 183.2

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	D-Epinephrine can be used as a hormone, neurotransmitter, and medication.
	Epinephrine can be normally obtained from the adrenal glands and certain neurons. It
	involves in the fight-or-flight response by increasing blood flow to muscles, output of
, and the second	the heart, pupil dilation, and blood sugar by binding to alpha and beta receptors.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4585 mL	27.2926 mL	54.5852 mL
5 mM	1.0917 mL	5.4585 mL	10.917 mL
10 mM	0.5459 mL	2.7293 mL	5.4585 mL
50 mM	0.1092 mL	0.5459 mL	1.0917 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

Castro-Puyana M, Drewnowska R, Pérez-Fernández V, Angeles García M, Crego AL, Marina ML. Simultaneous separation of epinephrine and norepinephrine enantiomers by EKC: application to the analysis of pharmaceutical

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481

Page 1 of 1 www.targetmol.com