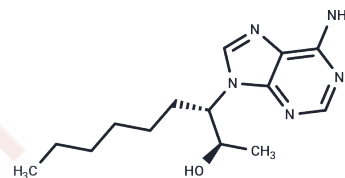


## EHNA

## Chemical Properties

CAS No. :	51350-19-7
Formula:	C <sub>14</sub> H <sub>23</sub> N <sub>5</sub> O
Molecular Weight:	277.37
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	EHNA is a potent and selective dual inhibitor of cyclic nucleotide phosphodiesterase 2 (PDE2) (IC <sub>50</sub> = 4 μM) and adenosine deaminase (ADA). It exhibits concentration-dependent inhibition of cGMP-stimulated PDE2 activity, with IC <sub>50</sub> values of 0.8 μM in humans and 2 μM in porcine myocardium, but shows limited inhibition on unstimulated PDE2. EHNA is involved in modulating various pharmacological responses, such as antiviral, antitumor, and antiarrhythmic effects.
Targets(IC <sub>50</sub> )	Adenosine Deaminase, Influenza Virus, PDE

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6053 mL	18.0265 mL	36.0529 mL
5 mM	0.7211 mL	3.6053 mL	7.2106 mL
10 mM	0.3605 mL	1.8026 mL	3.6053 mL
50 mM	0.0721 mL	0.3605 mL	0.7211 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

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

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