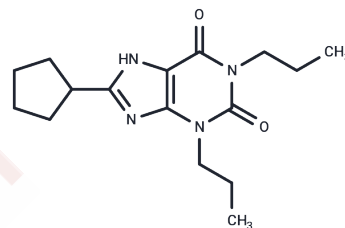


Norharmane

Chemical Properties

CAS No. :	244-63-3
Formula:	C ₁₁ H ₈ N ₂
Molecular Weight:	168.19
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	Norharmane (β -Carboline) is a natural β -carboline first isolated from plants of the Zygophyllaceae family.
Targets(IC50)	Endogenous Metabolite,DNA,Monoamine Oxidase

Solubility Information

Solubility	DMSO: 25 mg/mL (148.64 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (5.95 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.9457 mL	29.7283 mL	59.4566 mL
5 mM	1.1891 mL	5.9457 mL	11.8913 mL
10 mM	0.5946 mL	2.9728 mL	5.9457 mL
50 mM	0.1189 mL	0.5946 mL	1.1891 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.

Reference

Jamali., et al. Inhibitory effect of Rosa rugosa tea extract on the formation of heterocyclic amines in meat patties at different temperatures. *Molecules* 21(2), 173 (2016).

Smith, T.T.,Schaff, M.B.,Rupprecht, L.E., et al. Effects of MAO inhibition and a combination of minor alkaloids, β -carbolines, and acetaldehyde on nicotine self-administration in adult male rats. *Drug Alcohol Depend.* 2015:155, 243-252 (2015).

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:34 Washington Street,Wellesley Hills,MA 02481