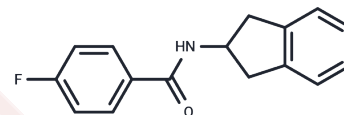


AVE-9488

Chemical Properties

CAS No. : 291756-32-6
 Formula: C₁₆H₁₄FNO
 Molecular Weight: 255.29
 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	AVE-9488 is a novel endothelial NO synthase (eNOS) enhancer that upregulates eNOS expression, induces NO production, and may ameliorate portal hypertension.
Targets(IC50)	NOS,NO Synthase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9171 mL	19.5856 mL	39.1711 mL
5 mM	0.7834 mL	3.9171 mL	7.8342 mL
10 mM	0.3917 mL	1.9586 mL	3.9171 mL
50 mM	0.0783 mL	0.3917 mL	0.7834 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

- Frantz S, et al. The eNOS enhancer AVE 9488: a novel cardioprotectant against ischemia reperfusion injury. *Basic Res Cardiol.* 2009 Nov;104(6):773-9.
- Biecker E, et al. Treatment of bile duct-ligated rats with the nitric oxide synthase transcription enhancer AVE 9488 ameliorates portal hypertension. *Liver Int.* 2008 Mar;28(3):331-8.
- Förstermann U, et al. Therapeutic effect of enhancing endothelial nitric oxide synthase (eNOS) expression and preventing eNOS uncoupling. *Br J Pharmacol.* 2011 Sep;164(2):213-23.
- Schäfer A, et al. Inhibition of platelet activation in rats with severe congestive heart failure by a novel endothelial nitric oxide synthase transcription enhancer. *Eur J Heart Fail.* 2009 Apr;11(4):336-41.

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