

L-Arginyl-L-alanine

Chemical Properties

CAS No. : 40968-45-4

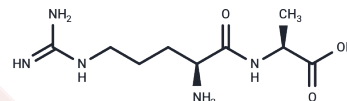
Formula: C₉H₁₉N₅O₃

Molecular Weight: 245.28

Keep away from moisture

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	L-Arginyl-L-alanine is a dipeptide and acts as a vasodilator derived from vascular smooth muscle. It can elevate the levels of cyclic guanosine monophosphate (cGMP) and nitrite in endothelium-denuded artery rings.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.077 mL	20.3849 mL	40.7697 mL
5 mM	0.8154 mL	4.077 mL	8.1539 mL
10 mM	0.4077 mL	2.0385 mL	4.077 mL
50 mM	0.0815 mL	0.4077 mL	0.8154 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

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481