

N'-Nitro-D-arginine

Chemical Properties

CAS No. : 66036-77-9

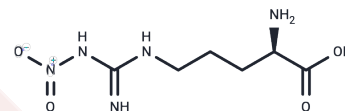
Formula: C₆H₁₃N₅O₄

Molecular Weight: 219.2

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	N'-Nitro-D-arginine (N'-Nitro-D-arginine) is a Building Block.
Targets(IC50)	Others,NO Synthase

Solubility Information

Solubility	DMSO: 2.2 mg/mL (10.04 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.562 mL	22.8102 mL	45.6204 mL
5 mM	0.9124 mL	4.562 mL	9.1241 mL
10 mM	0.4562 mL	2.281 mL	4.562 mL
50 mM	0.0912 mL	0.4562 mL	0.9124 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

Mahajan H, Kolka CM, Newman JM, Rattigan S, Richards SM, Clark MG. Vascular and metabolic effects of methacholine in relation to insulin action in muscle. *Diabetologia*. 2006 Apr;49(4):713-23.

Pudupakkam S, Harris KA, Jamieson WG, DeRose G, Scott JA, Carson MW, Schlag MG, Kvietys PR, Potter RF. Ischemic tolerance in skeletal muscle: role of nitric oxide. *Am J Physiol*. 1998 Jul;275(1):H94-9.

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