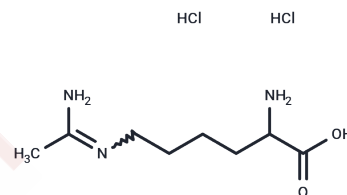


L-NIL dihydrochloride

Chemical Properties

CAS No. : 159190-45-1
 Formula: C₈H₁₉Cl₂N₃O₂
 Molecular Weight: 260.16
 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-NIL HCl is a relatively selective iNOS inhibitor (IC ₅₀ s: 0.4-3.3, 8-38, and 17-92 μM for iNOS, eNOS, and nNOS). L-NIL effectively inhibits iNOS both in vitro and in vivo. L-NIL has been used to demonstrate a critical role for iNOS in the immune response to infection by the protozoan <i>L. major</i> .
Targets(IC ₅₀)	Others,NO Synthase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8438 mL	19.2189 mL	38.4379 mL
5 mM	0.7688 mL	3.8438 mL	7.6876 mL
10 mM	0.3844 mL	1.9219 mL	3.8438 mL
50 mM	0.0769 mL	0.3844 mL	0.7688 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

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