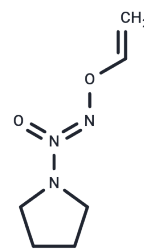


V-PYRRO/NO

Chemical Properties

CAS No. :	179344-98-0
Formula:	C ₆ H ₁₁ N ₃ O ₂
Molecular Weight:	157.17
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	V-PYRRO/NO is a nitric oxide (NO) donor in vivo that, following hepatic metabolism, decomposes spontaneously with a half-life of 3 seconds to release NO.
Targets(IC50)	Others

Solubility Information

Solubility	PBS (pH 7.2): >5 mg/mL, Sonication is recommended. DMF: >40 mg/mL, Sonication is recommended. Ethanol: >50 mg/mL, Sonication is recommended. DMSO: >40 mg/mL, 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	6.3625 mL	31.8127 mL	63.6254 mL
5 mM	1.2725 mL	6.3625 mL	12.7251 mL
10 mM	0.6363 mL	3.1813 mL	6.3625 mL
50 mM	0.1273 mL	0.6363 mL	1.2725 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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