

Enbucrilate

Chemical Properties

CAS No. : 6606-65-1

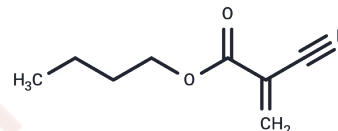
Formula: C₈H₁₁NO₂

Molecular Weight: 153.18

Store under nitrogen

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Enbucrilate (Butyl cyanoacrylate) is a cyanoacrylate ester utilized as a surgical tissue adhesive, which forms polymer films at oil-water interfaces, displaying varied film morphologies.
Targets(IC50)	Others
In vivo	Enbucrilate provides a significant intervention for gastric variceal bleeding. This tissue adhesive appears to be a safe and efficient agent, yielding favorable outcomes through a straightforward and rapid approach in the surgical treatment of symptomatic nephroptosis [2].

Solubility Information

Solubility	DMSO: 5.2 mg/mL (33.95 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.5283 mL	32.6413 mL	65.2827 mL
5 mM	1.3057 mL	6.5283 mL	13.0565 mL
10 mM	0.6528 mL	3.2641 mL	6.5283 mL
50 mM	0.1306 mL	0.6528 mL	1.3057 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

Caldwell SH, et al. Enbucrilate for gastric varices: extended experience in 92 patients. Aliment Pharmacol Ther. 2007 Jul 1;26(1):49-59.

Gyftopoulos KI, et al. The use of the tissue adhesive enbucrilate (histoacryl) in the treatment of symptomatic nephroptosis. Urol Int. 2002;69(4):313-7.

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