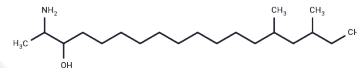


## Paecilaminol

## Chemical Properties

CAS No. : 540770-33-0  
 Formula: C<sub>20</sub>H<sub>43</sub>NO  
 Molecular Weight: 313.56  
 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	Paecilaminol (FKI-0550) is a potent inhibitor of the NADH-fumarate reductase enzyme, demonstrating an inhibitory concentration (IC <sub>50</sub> ) of 5.1 μM against the NADH-fumarate reductase derived from <i>Ascaris suum</i> [1].
-------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1892 mL	15.9459 mL	31.8918 mL
5 mM	0.6378 mL	3.1892 mL	6.3784 mL
10 mM	0.3189 mL	1.5946 mL	3.1892 mL
50 mM	0.0638 mL	0.3189 mL	0.6378 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

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