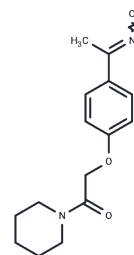


Pifoxime

Chemical Properties

CAS No. :	31224-92-7
Formula:	C ₁₅ H ₂₀ N ₂ O ₃
Molecular Weight:	276.33
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Pifoxime, a non-steroidal anti-inflammatory agent (NSAID) and COX-1/2 inhibitor, exhibits anti-inflammatory properties, making it useful in neuropsychiatric research.
In vitro	TT-10 (10μmol/L ; 48 h) significantly promoted cell cycle activation and cell division of human induced pluripotent stem cell (hiPSC) derived cardiomyocytes (hiPSCM).[1]
In vivo	TT-10 (2 μM, 10 μM, 20 μM, or 100 μM ; 48 h ; intraperitoneal injections) was administered to infarcted mouse hearts, the treatment promoted cardiomyocyte proliferation and was associated with declines in infarct size 1 week after administration, but cardiac function worsened at later time points.[2]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6189 mL	18.0943 mL	36.1886 mL
5 mM	0.7238 mL	3.6189 mL	7.2377 mL
10 mM	0.3619 mL	1.8094 mL	3.6189 mL
50 mM	0.0724 mL	0.3619 mL	0.7238 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.

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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