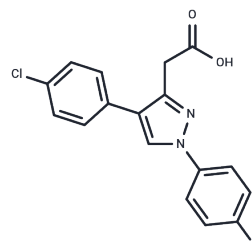


Pirazolac

Chemical Properties

CAS No. :	71002-09-0
Formula:	C17H12ClFN2O2
Molecular Weight:	330.74
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Pirazolac (ZK-76604) is a novel non-steroidal anti-inflammatory agent for the study of rheumatoid arthritis.
Targets(IC50)	Others, Immunology/Inflammation related
In vitro	Pirazolac is a non-steroidal anti-inflammatory drug. Pirazolac is able to inhibit the accumulation of prostaglandins in the human gastric mucosa under concentration-dependent conditions, but this inhibition is lower than that of indomethacin and other common non-steroidal anti-inflammatory drugs. This characteristic may explain the lesser gastric damage caused by Pirazolac. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0235 mL	15.1176 mL	30.2352 mL
5 mM	0.6047 mL	3.0235 mL	6.047 mL
10 mM	0.3024 mL	1.5118 mL	3.0235 mL
50 mM	0.0605 mL	0.3024 mL	0.6047 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

Tavares IA, Bennett A. Effect of pirazolac on prostanoid synthesis by human gastric mucosa in vitro. *Drugs Exp Clin Res.* 1990;16(1):1-6.

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