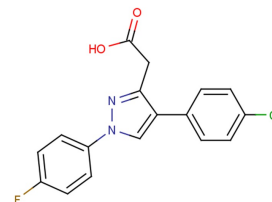


## Pirazolac

## Chemical Properties

CAS No.:	71002-09-0
Formula:	C <sub>17</sub> H <sub>12</sub> ClFN <sub>2</sub> O <sub>2</sub>
Molecular Weight:	330.74
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Pirazolac is an agent of non-steroidal anti-inflammatory.
Targets(IC <sub>50</sub> )	Others: None
In vitro	Pirazolac concentration-relatedly inhibits the accumulation of prostanoids in incubates of human gastric mucosa, but this inhibition is less than that by indomethacin and other commonly used non-steroidal anti-inflammatory drugs. This difference may explain the claim that Pirazolac is less damaging to the stomach[1].

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.024 mL	15.118 mL	30.235 mL
5 mM	0.605 mL	3.024 mL	6.047 mL
10 mM	0.302 mL	1.512 mL	3.024 mL
50 mM	0.06 mL	0.302 mL	0.605 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Tavares IA, et al. 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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