

## MOFEBUTAZONE

## Chemical Properties

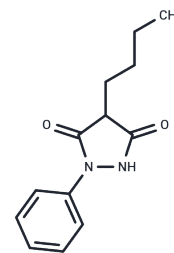
CAS No. : 2210-63-1

Formula: C<sub>13</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight: 232.28

The compound is unstable in solution. Please use soon

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	Mofebutazone inhibits the immunological release of prostaglandins as well as leukotrienes.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 27.5 mg/mL (118.39 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (8.61 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3051 mL	21.5257 mL	43.0515 mL
5 mM	0.861 mL	4.3051 mL	8.6103 mL
10 mM	0.4305 mL	2.1526 mL	4.3051 mL
50 mM	0.0861 mL	0.4305 mL	0.861 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

J, Neumüller, Tohidast-Akrad M , . Comparative in vitro investigations of the influence of mofebutazone, phenylbutazone and diclofenac on phagocytosis and respiratory burst of human peripheral blood leucocytes[[J](#)]. Arzneimittelforschung, 1994, 44(5):636-641.

**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