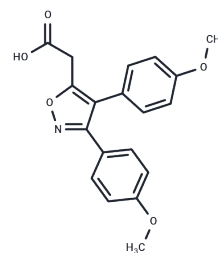


Mofezolac

Chemical Properties

CAS No. :	78967-07-4
Formula:	C ₁₉ H ₁₇ NO ₅
Molecular Weight:	339.34
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Mofezolac (formerly known as Disopain or N-22) is a highly selective COX-1 (cyclooxygenase-1) inhibitor with COXs selectivity index > 6000
Targets(IC50)	COX

Solubility Information

Solubility	Ethanol: Insoluble, DMSO: 55 mg/mL (162.08 mM), H ₂ O: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9469 mL	14.7345 mL	29.469 mL
5 mM	0.5894 mL	2.9469 mL	5.8938 mL
10 mM	0.2947 mL	1.4734 mL	2.9469 mL
50 mM	0.0589 mL	0.2947 mL	0.5894 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.

Reference

Calvello R, et al. Highly Selective Cyclooxygenase-1 Inhibitors P6 and Mofezolac Counteract Inflammatory State both In Vitro and In Vivo Models of Neuroinflammation. *Front Neurol.* 2017 Jun 9;8:251

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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