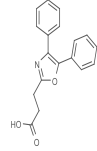


Data Sheet (Cat.No.T0708)

Oxaprozin

Chemical Properties

CAS No.:	21256-18-8
Formula:	C ₁₈ H ₁₅ NO ₃
Molecular Weight:	293.32
Appearance:	Solid
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Oxaprozin is a Nonsteroidal Anti-inflammatory Drug. The mechanism of action of oxaprozin is as a Cyclooxygenase Inhibitor. The chemical classification of oxaprozin is Nonsteroidal Anti-inflammatory Compounds.
Targets(IC ₅₀)	COX: None

Solubility Information

Solubility	DMSO: 55 mg/mL (187.5 mM) Ethanol: 26 mg/mL (88.6 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.409 mL	17.046 mL	34.092 mL
5 mM	0.682 mL	3.409 mL	6.818 mL
10 mM	0.341 mL	1.705 mL	3.409 mL
50 mM	0.068 mL	0.341 mL	0.682 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. Kean WF, et al. Curr Med Res Opin, 2004, 20(8), 1275-1277.

Inhibitors · Natural Compounds · Compound Libraries

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