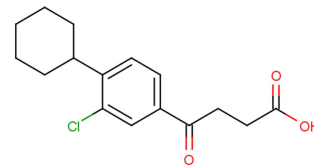


Bucloxic acid

Chemical Properties

CAS No.:	32808-51-8
Formula:	C ₁₆ H ₁₉ ClO ₃
Molecular Weight:	294.77
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Bucloxic acid is an anti-inflammatory pyrazole derivative used in the treatment of chronic glomerular nephropathies.
Targets(IC ₅₀)	Others: None

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	3.392 mL	16.962 mL	33.925 mL
5 mM	0.678 mL	3.392 mL	6.785 mL
10 mM	0.339 mL	1.696 mL	3.392 mL
50 mM	0.068 mL	0.339 mL	0.678 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. Lagrue G, et al. Use of a new anti-inflammatory agent, bucloxic acid, in the treatment of chronic glomerular nephropathies. *Arzneimittelforschung*. 1974 Sep;24(9A SUPPL):1434-9.
2. Magous R, et al. *Mol Pharmacol*. 1986 Jan;29(1):39-44. Evidence for the existence of high affinity binding sites for indomethacin on human blood platelets.

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