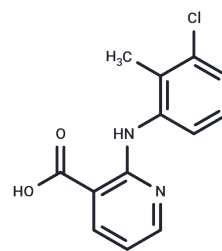


Clonixin

Chemical Properties

CAS No. :	17737-65-4
Formula:	C ₁₃ H ₁₁ ClN ₂ O ₂
Molecular Weight:	262.69
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Clonixin (Clonixic acid) is a non-steroidal anti-inflammatory drug (NSAID) with analgesic properties. This compound has been reported to block prostaglandin synthesis, and to block inward calcium currents.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: Insoluble, DMSO: 50 mg/mL (190.34 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8068 mL	19.0338 mL	38.0677 mL
5 mM	0.7614 mL	3.8068 mL	7.6135 mL
10 mM	0.3807 mL	1.9034 mL	3.8068 mL
50 mM	0.0761 mL	0.3807 mL	0.7614 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

- Fugler, L., et. al.: Am. J. Vet. Res., 74, 473 (2013)
 Musser, J., et al.: J. Am. Vet. Med. Assoc., 242, 205 (2013)
 Huber, J., et al.: J. Dairy Sci., 96, 132 (2013)

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