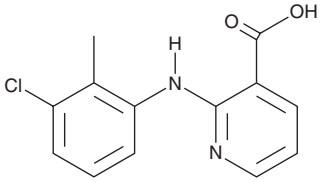
PRODUCT INFORMATION

Clonixin

Item No. 22284

CAS Registry No.:	17737-65-4
Formal Name:	2-[(3-chloro-2-methylphenyl)amino]-3-pyridinecarboxylic acid
Synonyms:	CBA 93626, Clonixic Acid, NSC 335505
MF:	$C_{13}H_{11}ClN_2O_2$
FW:	262.7
Purity:	≥98%
UV/Vis.:	λ_{max}: 210, 290, 343 nm
Supplied as:	A crystalline solid
Storage:	-20°C
Stability:	≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Clonixin is supplied as a crystalline solid. A stock solution may be made by dissolving the clonixin in the solvent of choice. Clonixin is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide, which should be purged with an inert gas. The solubility of clonixin in these solvents is approximately 3.3, 25, and 20 mg/ml, respectively.

Description

Clonixin is a non-steroidal anti-inflammatory drug (NSAID). It induces analgesia in rats in the formalin test when administered at doses of 80 and 120 mg/kg.[1] It also inhibits paw edema induced by carrageenan in rats, as well as decreases vascular permeability and acts as an antipyretic in mice.[2]

References

1. Bustamante, D., Miranda, H.F., Pelissier, T., *et al.* Analgesic action of clonixin, nifedipine and morphine using the formalin test. *Gen. Pharmacol.* **20(3)**, 319-322 (1989).
2. Takagi, K., Takayanagi, I., Kayaoka, S., *et al.* Pharmacological studies on clonixin. I. Antiinflammatory and analgesic actions, and effects on the gastrointestinal tract. *Nihon Yakurigaku Zasshi.* **46(5)**, 514-519 (1971).

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