

Product Data Sheet

Product Name: Nefopam HCl

Cat. No.: GC11775

Chemical Properties

Cas. No. 23327-57-3

Chemical Name 5-methyl-1-phenyl-1,3,4,6-tetrahydro-2,5-benzoxazocine;hydrochloride

SMILES CN1CCOC(C2=CC=CC=C2C1)C3=CC=CC=C3.Cl

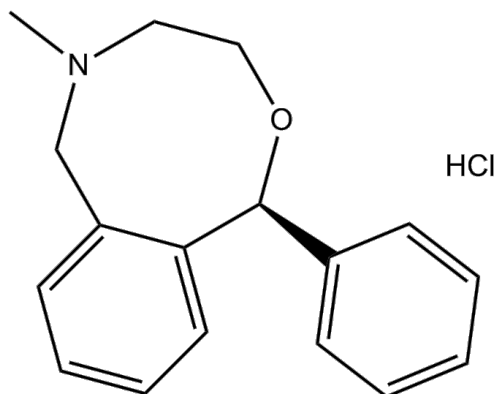
Formula $C_{17}H_{19}NO \cdot HCl$ M.Wt 289.8

Solubility H_2O : 12.5 mg/mL (43.13 mM; Need ultrasonic); DMSO : 12.5 mg/mL (43.13 mM; Need ultrasonic) Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Nefopam hydrochloride (Fenazoxine hydrochloride) is a centrally-acting but non-opioid analgesic drug, for the relief of moderate to severe pain. Nefopam hydrochloride targets β -catenin protein level in mesenchymal cells in-vitro and in-vivo[1][2].

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Nefopam hydrochloride (Fenazoxine hydrochloride) is a non-opioid, non-steroidal, centrally acting analgesic drug that is derivative of the non-sedative benzoxazocine[1]. Constitutively elevated β -catenin leads to a delayed and fibrous fracture repair process, and Nefopam inhibits β -catenin mediated signaling during skin wound repair[3].

References:

[1]. Kim KH, et al. Rediscovery of nefopam for the treatment of neuropathic pain. Korean J Pain. 2014 Apr;27(2):103-11.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA