
Product Data Sheet

Product Name: Niperotidine

Cat. No.: GC31455

Chemical Properties

Cas. No. 84845-75-0

SMILES O=[N+](/C=C(NCCSCC1=CC=C(CN(C)C)O1)\NCC2=CC=C(OCO3)C3=C2)[O-]Formula C20H26N4O5S M.Wt 434.51

Solubility DMSO : 100 mg/mL (230.14 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°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**

Niperotidine is a histamine H2-receptor antagonist.

Niperotidine (piperonyl-ranitidine) is a H2 blocking agent. Niperotidine is a H2-receptor antagonist structurally related to ranitidine. After oral administration, it reaches a plasmatic peak within 60-120 min and is eliminated either in the urine or in the faeces, with an enterohepatic circulation[2].

[1]. Palasciano G, et al. The effect of the H2-antagonist Niperotidine on intragastric acidity in healthy subjects undergoing 24-hour pH-monitoring. *Ital J Gastroenterol.* 1990 Oct;22(5):291-4. [2]. Gasbarrini G, et al. Acute liver injury related to the use of Niperotidine. *J Hepatol.* 1997 Sep;27(3):583-6.

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
