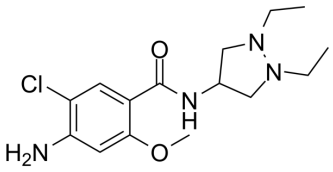
Dazopride

Cat. No.:	HY-U00010
CAS No.:	70181-03-2
Molecular Formula:	$C_{15}H_{23}ClN_4O_2$
Molecular Weight:	326.82
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Dazopride is an antiemetic agent.
In Vivo	Dazopride (0.3 mg/kg) produces significant enhancement of gastric evacuation and is approximately six times more potent than metoclopramide in gastric evacuation assay. Dazopride (0.3-10.0 mg/kg, i.v.) produces a dose-related increase in antral motility primarily by increasing the amplitude of antral contractions in three conscious dogs. Dazopride significantly reduces the emetic frequency from that of the control group[1]. Dazopride (5 mg/kg, i.p.) antagonises the tetralin-induced emesis in all animals, but fails to antagonise the response at 0.25-2.5 mg/kg. Dazopride fails to modify cisplatin-induced emesis at 0.1 mg/kg (i.v,) although a larger dose of 1.0 mg/kg abolishes or attenuates the response and 5.0 mg/kg of dazopride antagonises the development ofemesis in all animals[2]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Alphin RS, et al. Antagonism of cisplatin-induced emesis by metoclopramide and dazopride through enhancement of gastric motility. Dig Dis Sci. 1986 May;31(5):524-9.

[2]. Costall B, et al. The action of dazopride to enhance gastric emptying and block emesis. Neuropharmacology. 1987 Jul;26(7A):669-77.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA