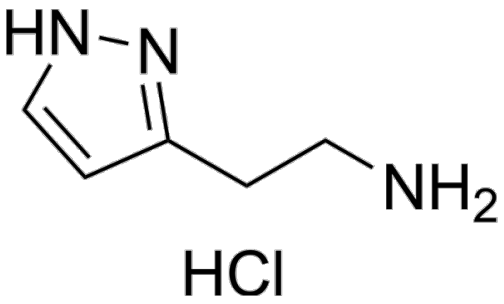
Product Data Sheet

Product Name: Betazole hydrochloride
Cat. No.: GC79289

Chemical Properties

Cas. No.	1121-45-5		
Formula	$C_5H_{10}ClN_3$	M.Wt	147.61
Solubility	DMSO: 50 mg/mL (338.73 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

Betazole hydrochloride (Ametazole hydrochloride), a pyrazole analogue of histamine, is an orally active histamine H2 receptor agonist. Betazole induces gastric acid secretion and causes an immediate and significant increase in common bile duct pressure. Betazole is used as a diagnostic agent known as histalog for investigating gastric acid secretory capacity [1] [2] [3].

References:

[1]. Maples MD, Effects of betazole hydrochloride and cimetidine on common bile pressure and

duodenal myoelectric activity in the dog. Am Surg. 1981;47(12):519-521.
[2]. Spitz IM, Betazole-induced GIP secretion is not mediated by gastric HCl. Metabolism. 1982;31(4):380-382.
[3]. CLAYMAN CB,. A simple oral gastric secretory stimulant (betazole hydrochloride). JAMA. 1961;175:908-909.

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