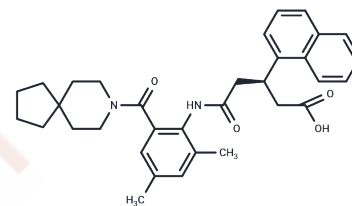


## Itriglumide

## Chemical Properties

CAS No. :	201605-51-8
Formula:	C <sub>33</sub> H <sub>38</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight:	526.67
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Itriglumide (CR-2945) is a cholecystokinin (CCK)-2 receptor antagonist with antisecretory and antiulcerogenic properties.
Targets(IC50)	Cholecystokinin Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8987 mL	9.4936 mL	18.9872 mL
5 mM	0.3797 mL	1.8987 mL	3.7974 mL
10 mM	0.1899 mL	0.9494 mL	1.8987 mL
50 mM	0.038 mL	0.1899 mL	0.3797 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

- Lehmann F, et al. New molecular targets for treatment of peptic ulcer disease. *Drugs*. 2003;63(17):1785-97.
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- Beales IL, et al. Glycine-extended gastrin inhibits apoptosis in Barrett's oesophageal and oesophageal adenocarcinoma cells through JAK2/STAT3 activation. *J Mol Endocrinol*. 2009 Apr;42(4):305-18.
- Wu Y, et al. GWAS of peptic ulcer disease implicates *Helicobacter pylori* infection, other gastrointestinal disorders and depression. *Nat Commun*. 2021 Feb 19;12(1):1146.

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