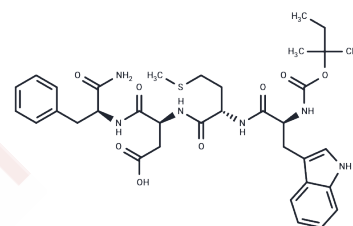


Amogastrin

Chemical Properties

CAS No. :	16870-37-4
Formula:	C35H46N6O8S
Molecular Weight:	710.84
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	Amogastrin can be used in conjunction with perrchnetate for gastric scintigraphy.
Targets(IC50)	Others, Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4068 mL	7.0339 mL	14.0679 mL
5 mM	0.2814 mL	1.4068 mL	2.8136 mL
10 mM	0.1407 mL	0.7034 mL	1.4068 mL
50 mM	0.0281 mL	0.1407 mL	0.2814 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

- Saitoh O, Tei H, Okumura Y, Asada S, Hirata I, Ohshiba S. Effect of amogastrin on the release of various prostaglandins into gastric lumen in man. *Jpn J Med.* 1989 Mar-Apr;28(2):175-9. PubMed PMID: 2733241.
- Okuyama S, Mishina H. Amogastrin for the 99mTc-perrchnetate imaging of the gastric mucosa. *Radioisotopes.* 1982 Mar;31(3):141-4. PubMed PMID: 6285422.
- Kohli Y, Katoh T, Suzuki K. Antisecretory effect of a PGE2 derivative, enprostil (TA/RS-84135): inhibitory action of amogastrin-stimulated secretion. *Drugs Exp Clin Res.* 1988;14(11):673-8. PubMed PMID: 3149933.
- Okuyama S, Mishina H, Yamagata R, Yamamoto K, Nagashima H, Taima T. A case of early gastric cancer whose diagnosis was expedited by amogastrin-99mTc perrchnetate scintigraphy. *Tohoku J Exp Med.* 1982 Jun;137(2):231-2. PubMed PMID: 6287668.

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