

Ksg 504

Chemical Properties

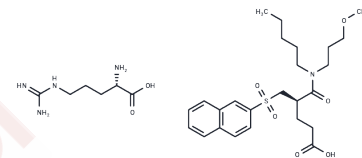
CAS No. : 137005-17-5

Formula: C₃₁H₄₉N₅O₈S

Molecular Weight: 651.81

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	Ksg 504 has superior selectivity and affinity to CCK-A receptors and derived from proglumide.
Targets(IC50)	Others,Cholecystokinin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5342 mL	7.6709 mL	15.3419 mL
5 mM	0.3068 mL	1.5342 mL	3.0684 mL
10 mM	0.1534 mL	0.7671 mL	1.5342 mL
50 mM	0.0307 mL	0.1534 mL	0.3068 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

Okumura Y, Inoue H, Fujiyama Y, Bamba T. Effects of short-term administration of the CCK receptor antagonist, KSG-504, on regeneration of pancreatic acinar cells in acute pancreatitis in rats. *J Gastroenterol.* 1995 Aug;30(4):493-9. PubMed PMID: 7550860.

Takács T, Czakó L, Jármay K, Farkas G Jr, Mándi Y, Lonovics J. Cytokine level changes in L-arginine-induced acute pancreatitis in rat. *Acta Physiol Hung.* 1996;84(2):147-56. PubMed PMID: 9046361.

Moriyoshi Y, Shiratori K, Takeuchi T, Watanabe S. A new CCK-A antagonist, KSG-504, administered intraduodenally, inhibits pancreatic secretion in rats. *Pancreas.* 1994 Mar;9(2):225-9. PubMed PMID: 8190724.

Yamazaki Y, Takeda H, Akahane M, Tsubaki A, Ajisawa Y. [Behavioral studies of KSG-504, a new CCK-A receptor antagonist]. *Nihon Yakurigaku Zasshi.* 1996 Jan;107(1):21-31. Japanese. PubMed PMID: 8720295.

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