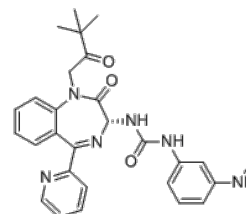

Product Name	: Netazepide
Cat. No.	: PC-60082
CAS No.	: 155488-25-8
Molecular Formula	: C ₂₈ H ₃₀ N ₆ O ₃
Molecular Weight	: 498.587
Target	: Cholecystokinin Receptor
Solubility	: 10 mM in DMSO



Biological Activity

Netazepide (YF476, Sograzepide) is a potent, selective and orally active **gastrin/CCK-2 antagonist** with IC₅₀ of 0.1 nM. Netazepide (YF476, Sograzepide) displays >5,000-fold selectivity over CCK-1 receptors. Netazepide (YF476, Sograzepide) inhibits pentagastrin-induced gastric acid secretion in anesthetized rats (ED₅₀=87 nM/kg), and shows potential for the treatment of gastroesophageal reflux disease (GERD). Netazepide (YF476, Sograzepide) also inhibits gastric neuroendocrine enterochromaffin-like (ECL) cell hyperplasia and gastric carcinoid tumor development.

References

- Semple G, et al. *J Med Chem.* 1997 Jan 31;40(3):331-41.
Takinami Y, et al. *Aliment Pharmacol Ther.* 1997 Feb;11(1):113-20.
Takemoto Y, et al. *Arzneimittelforschung.* 1998 Apr;48(4):403-7.
Kidd M, et al. *Regul Pept.* 2010 Jun 8;162(1-3):52-60.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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