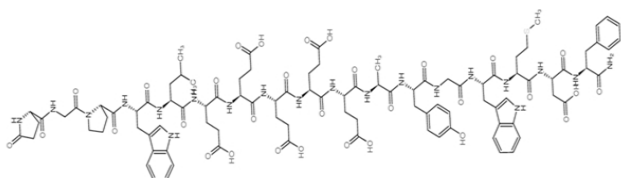


Gastrin I (human) (CAS: 10047-33-3)**Catalog #: EBC51197****Biological Activity**

Synonyms	Y-27632 (hydrochloride); Y-27632; Y27632 HCl
Chemical Name	(3S,4Z,6S,7Z,9S,10Z,13Z,15S,16Z,18S,19Z,21S,22Z,24S,25Z,27S,28Z,30S,31Z,33S)-9-((1H-indol-3-yl)methyl)-21,24,27,30-tetrakis(2-carboxyethyl)-5,8,11,14,17,20,23,26,29,32-decahydroxy-3-((Z)-hydroxy((S)-1-hydroxy-1-imino-3-phenylpropan-2-yl)imino)methyl)-33-
Application	Gastrin-1, human is the endogenous peptide produced in the stomach, and increases gastric acid secretion via cholecystokinin 2 (CCK2) receptor.
CAS No.	10047-33-3
Purity	≥99.0%
Molecular Weight	2098.22
Molecular Formula	C97H124N20O31S
Shipping	Gel Pack
Storage	Store at 2-8° C
Target & IC₅₀	CCKBR

Molecular Structure**Solubility**

DMSO: 50 mg/mL (23.83 mM)

NH₄OH: 50 mg/mL (23.83 mM)**PS:** < 1 mg/ml refers to the product insoluble**Description**

Gastrin I (human) is an endogenous peptide produced in the stomach that acts as a selective CCK2 receptor agonist. Gastrin I stimulates gastric acid secretion and has a mitogenic effect on gastric cells. Gastrin I stimulates gastric epithelial cell proliferation and histamine secretion (EC₅₀ values are 6.2 pM and 0.014 nM, respectively). Gastrin I is also used in the culture of stomach, intestine and pancreas organoids.

For Reserch Use Only. Not For Use In Diagnostic Procedures

EbioCell Lifesciences, Inc.
Imperial Business Park 4819 Emperor Boulevard,
Suite 408 Durham, NC 27703, USA

Order: order@ebiocell.com
TEL: (540)808-3925
Supprt: tech@ebiocell.com