

gamma-Glu-Gly Biochemical

gamma-Glu-Gly

 CATALOG #
AAA227998

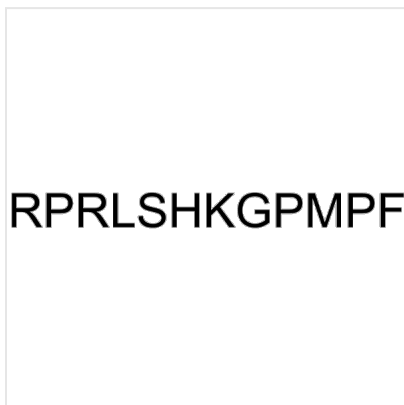
PRODUCT SYNONYMS

gamma-Glu-Gly; gamma-Glu-Gly biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1948-29-4
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	gamma-Glu-Gly is a key component that influence the flavor of mature cheese. In <i>S. cerevisiae</i> , gamma-Glutamyltransferase (GGT) produces two gamma-glutamyl peptides, gamma-Glu-Glu and gamma-Glu-Gly[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES


 Structure
 Apelin-12, CAS 229961-08-4

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ADDITIONAL INFORMATION

Related Product Information for gamma-Glu-Gly biochemical

gamma-Glu-Gly, a gamma-glutamyl dipeptide, is a human lipid metabolite. gamma-Glu-Gly has a similar structure to GABA (gamma-aminobutyric acid) and can act as an antagonist of excitatory amino acids.

References

1. Pisarenko OI, et al. Effects of structural analogues of apelin-12 in acute myocardial infarction in rats. J Pharmacol Pharmacother. 2013;4(3):198-203.
2. Pisarenko OI, et al. Apelin-12 and its structural analog enhance antioxidant defense in experimental myocardial ischemia and reperfusion. Mol Cell Biochem. 2014;391(1-2):241-250.
3. Liu DR, et al. Apelin-12 exerts neuroprotective effect against ischemia-reperfusion injury by inhibiting JNK and P38MAPK signaling pathway in mouse. Eur Rev Med Pharmacol Sci. 2018;22(12):3888-3895. Liu DR, et al. Apelin-12 exerts neuroprotective effect against ischemia-reperfusion injury by inhibiting JNK and P38MAPK signaling pathway in mouse. Eur Rev Med Pharmacol Sci. 2018;22(12):3888-3895.
4. Ohno S, et al. Apelin-12 stimulates acid secretion through an increase of histamine release in rat stomachs. Regul Pept. 2012;174(1-3):71-78.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/gamma-glu-gly/227998>