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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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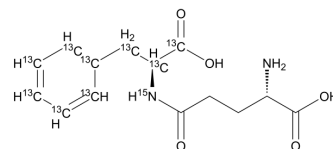
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γ -Glu-(Phe- $^{13}\text{C}_9$, ^{15}N)

Cat. No.:	HY-101399S
Molecular Formula:	$\text{C}_5^{13}\text{C}_9\text{H}_{18}\text{N}^{15}\text{NO}_5$
Molecular Weight:	304.23
Target:	Isotope-Labeled Compounds
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

γ -Glu-(Phe- $^{13}\text{C}_9$, ^{15}N) is the ^{13}C and ^{15}N labeled isotope of γ -Glu-Phe(HY-101399). γ -Glu-Phe or the postenzymatic reaction mixture enhanced the umami intensity of commercial soy sauce and model chicken soup.

REFERENCES

- [1]. Zhao C.J, et al. Synthesis of Taste-Active γ -Glutamyl Dipeptides during Sourdough Fermentation by *Lactobacillus reuteri*. J Agric Food Chem. 2016 Oct 12;64(40):7561-7568.
- [2]. Zhao C.J, et al. Synthesis of Taste-Active γ -Glutamyl Dipeptides during Sourdough Fermentation by *Lactobacillus reuteri*. J Agric Food Chem. 2016 Oct 12;64(40):7561-7568.
- [3]. Yang J, et al. Synthesis and Sensory Characteristics of Kokumi γ -[Glu] $_n$ -Phe in the Presence of Glutamine and Phenylalanine: Glutaminase from *Bacillus amyloliquefaciens* or *Aspergillus oryzae* as the Catalyst. J Agric Food Chem. 2017 Oct 4;65(39):8696-8703.

Caution: Product has not been fully validated for medical applications. For research use only.

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