



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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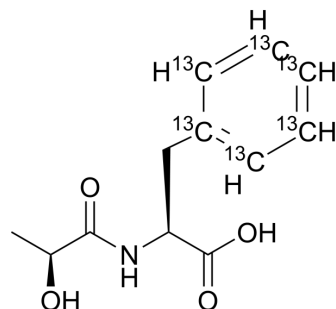
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N-Lactoyl-Phenylalanine-¹³C₆

Cat. No.:	HY-150012S1
Molecular Formula:	C ₆ ¹³ C ₆ H ₁₅ NO ₄
Molecular Weight:	243.21
Target:	Isotope-Labeled Compounds; Endogenous Metabolite
Pathway:	Others; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

N-Lactoyl-Phenylalanine-¹³C₆ (Lac-Phe-¹³C₆) is ¹³C labeled N-Lactoyl-Phenylalanine. N-Lactoyl-Phenylalanine is a blood-derived signaling metabolite that can be induced by exercise. N-Lactoyl-Phenylalanine can reduce obesity and improve glucose tolerance^{[1][1][2]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. Li VL, et al. An exercise-inducible metabolite that suppresses feeding and obesity. Nature. 2022 Jun;606(7915):785-790.

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

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