



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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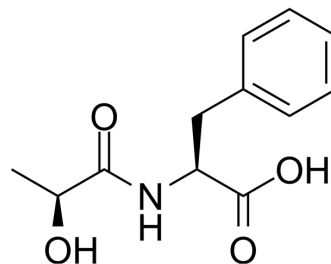
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N-Lactoyl-Phenylalanine

Cat. No.:	HY-150012
CAS No.:	183241-73-8
Molecular Formula:	C ₁₂ H ₁₅ NO ₄
Molecular Weight:	237.25
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 20.83 mg/mL (87.80 mM; ultrasonic and warming and heat to 80°C)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		4.2150 mL	21.0748 mL	42.1496 mL
		5 mM		0.8430 mL	4.2150 mL	8.4299 mL
		10 mM		0.4215 mL	2.1075 mL	4.2150 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: PBS Solubility: 10 mg/mL (42.15 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	N-Lactoyl-Phenylalanine is a blood-borne signalling metabolite and can be used for obesity research. N-Lactoyl-Phenylalanine is exercise-inducible ^[1] .
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REFERENCES

[1]. 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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