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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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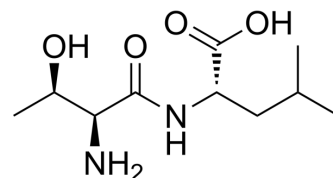
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Thr-Leu

Cat. No.:	HY-W342021
CAS No.:	50299-12-2
Molecular Formula:	C ₁₀ H ₂₀ N ₂ O ₄
Molecular Weight:	232.28
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

H₂O : 125 mg/mL (538.14 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		4.3051 mL	21.5257 mL	43.0515 mL
	5 mM		0.8610 mL	4.3051 mL	8.6103 mL
	10 mM		0.4305 mL	2.1526 mL	4.3051 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Thr-Leu is a dipeptide composed of threonine and leucine. Thr-Leu can be hydrolyzed in the peritoneal cavity to generate constituent amino acids, thereby increasing the osmotic pressure of the dialysate. Thr-Leu can be used for the kinetic study of amino acid-based peritoneal dialysis fluids^[1].

REFERENCES

[1]. Weryński A, et al. Kinetic studies of dipeptide-based and amino acid-based peritoneal dialysis solutions[J]. Kidney international, 2001, 59(1): 363-373.

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

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