



SZABO SCANDIC

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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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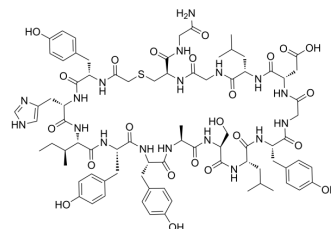
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Lib2-1

Cat. No.:	HY-P5963
CAS No.:	2983116-47-6
Molecular Formula:	C ₈₁ H ₁₀₈ N ₁₈ O ₂₃ S
Molecular Weight:	1733.9
Sequence:	Ac-Tyr-His-Ile-Tyr-Tyr-Ala-Ser-Leu-Tyr-Gly-Asp-Leu-Gly-Cys-Gly-NH ₂ (Thioether bond between: Tyr1-Cys15)
Sequence Shortening:	Ac-YHIYYASLYGDLGCG-NH ₂ (Thioether bond between: Tyr1-Cys15)
Target:	Interleukin Related
Pathway:	Immunology/Inflammation
Storage:	Sealed storage, away from moisture Powder -80°C 2 years -20°C 1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (57.67 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	0.5767 mL	2.8837 mL	5.7673 mL
5 mM	0.1153 mL	0.5767 mL	1.1535 mL
10 mM	0.0577 mL	0.2884 mL	0.5767 mL

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

BIOLOGICAL ACTIVITY

Description

Lib2-1, a macrocyclic peptide, is an IL-17C/IL-17RE interaction inhibitor. Lib2-1 can be used for autoimmune and inflammatory diseases research^[1].

REFERENCES

[1]. Silong Zhai, et al. PepScaf: Harnessing Machine Learning with In Vitro Selection toward De Novo Macrocyclic Peptides against IL-17C/IL-17RE Interaction. *J Med Chem.* 2023 Aug 24;66(16):11187-11200.

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

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