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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SHBG(141-161)

Cat. No.:	HY-P10413
Molecular Formula:	C ₁₀₃ H ₁₇₃ N ₂₅ O ₂₄
Molecular Weight:	2145.63
Sequence:	Ile-Ala-Leu-Gly-Gly-Leu-Leu-Phe-Pro-Ala-Ser-Asn-Leu-Arg-Leu-Pro-Leu-Val-Pro-Ala-Leu
Sequence Shortening:	IALGGLLPASNLRPLVPAL
Target:	Androgen Receptor
Pathway:	Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

SHBG 141-161 is a GPRC6A receptor agonist. SHBG 141-161 mimics the action of GPRC6A endogenous agonist uncarboxylated osteocalcin by binding to GPRC6A and promoting downstream signaling to increase testosterone and insulin secretion. SHBG 141-161 also reduces the affinity of GPRC6A to GDP protein by binding to the outer cell domain of GPRC6A thus affecting the dynamics of signal transduction. SHBG 141-161 can be used to study GPRC6A in energy metabolism and endocrine regulation^[1].

REFERENCES

[1]. De Toni L, et al. SHBG141-161 domain-peptide stimulates GPRC6A-mediated response in leydig and β -Langerhans cell lines[J]. Scientific Reports, 2019, 9(1): 19432.

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

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