

SHBG(141-161)

Chemical Properties

CAS No. :

Formula: C103H173N25O24

Molecular Weight:

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	SHBG 141-161 is an agonist of the GPRC6A receptor. It mimics the effects of the endogenous agonist, uncarboxylated osteocalcin, by binding to GPRC6A and promoting downstream signaling, which leads to increased secretion of testosterone and insulin. Additionally, SHBG 141-161 binds to the extracellular domain of GPRC6A, reducing its affinity for GDP proteins, thereby influencing the dynamics of signal transduction. This compound is valuable for studying the role of GPRC6A in energy metabolism and endocrine regulation.
Targets(IC50)	Androgen Receptor

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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