

Big Gastrin I (human) TFA

Chemical Properties

CAS No. :

Formula: C178H252F3

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	BigGastrinI, human (TFA), is a gastrointestinal hormone comprised of 34 amino acids. It can serve as a potential substance in the study of conditions such as cancer, autoimmune diseases, fibrotic diseases, inflammatory diseases, neurological disorders, or cardiovascular diseases.
Targets(IC50)	Cholecystokinin Receptor
In vitro	Big Gastrin I, human (TFA) (10 µg/mL, 6 days) reduces HBV replication by 11.3% in HepG2 cells carrying the hepatitis B virus (HBV) ayw strain genome, while preserving cell viability at 88.7%. In addition, at the same concentration for 24 hours, it can induce cell cycle arrest in the G0/G1 phase and trigger apoptosis in human A549 cells. Furthermore, treatment with 10 µg/mL for 22 hours inhibits 35% of cell migration in human endothelial cells (HUVEC).

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