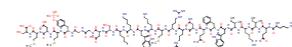


Catalog Number: CM05933

产品信息

Catalog Number:
CM05933

分子量:
3270.72



CAS号:
1236188-16-1

分子式:
 $C_{141}H_{222}N_{43}O_{39}PS_3$

主要靶点:
Autophagy|PI3K

主要通路:
自噬|PI3K/Akt/mTOR信号通路

体外活性

740 Y-P is a synthetic biotinylated peptide. 740 Y-P stimulates mitogenesis at the lowest concentration tested (1 mg/mL). The peptide stimulates mitogenesis in both the presence and absence of serum (0.5%) and in the former instance, a maximal response observed at 50 mg/mL. 740Y-P peptide to stimulate mitogenesis is highly specific and not a general feature of a cell-permeable SH2 domain-binding peptide [1]. 740Y-P is as effective as a growth factor (FGF2) at promoting neuronal cell survival via the established PI 3-kinase-Akt survival cascade. Stimulation of neuronal cell survival by the PDGFR740Y-P peptide is dose-dependent and does not require insulin[2].

描述

740 Y-P is a potent and cell-permeable activator of PI3K.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years