Lipopeptide CPK4

Cat. No.: **SN-M-LE456**

Chemical Properties

Product Name	Lipopeptide CPK4
Cat. No.	SN-M-LE456
Molecular Formula	C181H323N39O43
Molecular Weight	3733.74
Storage	Please store the product under the recommended conditions in the Certificate of Analysis.
Shipping	Room temperature in continental US; may vary elsewhere.
Purity	98+%

Structure

{Cholesterol}-{PEG4}-Lys-Ile-Ala-Ala-Leu-Lys-Glu-Lys-Ile-Ala-Ala-Leu-Lys-Glu-Lys-Ile-Ala-Ala-Leu-Lys-Glu-Lys-Ile-Ala-Ala-Leu-Lys-Glu-NH2

Biological Description

Lipopeptide CPK4 是一种 Cholesterol (HY-N0322) 修饰的肽 K4 [(KIAALKE)3]。Lipopeptide CPK4 与脂质体结合后能够形成卷曲螺旋结构。Lipopeptide CPK4 可触发脂质体与活细胞之间的膜融合，同时高效地将多种化合物递送至胞质，如荧光染料 Propidium Iodide (PI) (HY-D0815) 和 TO-PRO-3 iodide (HY-117070)，以及 Doxorubicin (DOX) (HY-15142A)。Lipopeptide CPK4 可用于药物递送研究。

Related Products / Keywords

- Lipopeptide CPK4Lipopeptide CPK 4Lipopeptide CPK-4LiposomeLipopeptideCholesterolCoiled-coil formationMembrane fusionPropidium IodideTO-PRO-3 iodideDoxorubicinDrug deliveryInhibitorinhibitorinhibit

This product is a research reagent and must not be used for clinical validation or human therapeutic use.