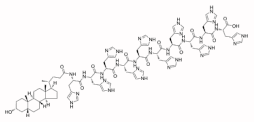
# LCA-H10

Cat. No.: **SN-M-LE1614**

## Chemical Properties

| | |
|---|---|
| **Product Name** | LCA-H10 |
| **Cat. No.** | SN-M-LE1614 |
| **Molecular Formula** | C84H110N30O13 |
| **Molecular Weight** | 1747.97 |
| **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



## Biological Description

LCA-H10 是一种石胆酸-组氨酸十肽偶联物，是一种生物相容性脂质纳米颗粒 (LNP) 添加剂，可降低可电离脂质比例，发挥内涵体逃逸诱导剂的作用，并增强 siRNA 的包封效果。将 LCA-H10 掺入 LiLNP-LH 后，静脉注射可增加小鼠体内 LNP 的肝脏蓄积量，并降低小鼠血清中的促炎细胞因子 (IL-6、TNF、IL-1β) 水平。LCA-H10 可用于前列腺癌的相关研究。

## Related Products / Keywords

- LCA-H10Liposomeendosomal escape inducerprostate cancerHepG2 cellsendosomal membrane destabilizationlipid nanoparticlesiRNAproinflammatory cytokinesmicellar structurescytoplasmPC3-GFP cellsInhibitorinhibitorinhibit

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