

Product Data Sheet

Product Name: CLIKKPF acetate

Cat. No.: GC81370

Chemical Properties

Cas. No.

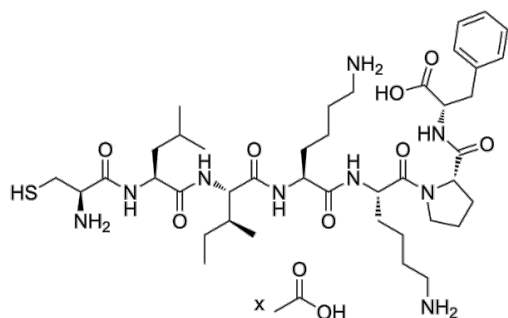
Formula $C_{41}H_{69}N_9O_8S \cdot xC_2H_4O_2$ M.Wt 848.11

Solubility DMSO: 100 mg/mL (Need ultrasonic) Storage Sealed storage, away from moisture

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Caution: Product has not been fully validated for medical applications. For research use only.

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Background

CLIKKPF acetate is a specific peptide segment. CLIKKPF acetate can bind strongly to phosphatidylserine (PS) on the inner layer of the cell membrane. CLIKKPF acetate can enhance the targeting ability of nanoparticles. CLIKKPF acetate can be used in the research of cardiovascular diseases [1].

References:

[1]. Mou N, et al. Macrophage Membrane Spontaneously Encapsulated Cyclodextrin-Based Nanomedicines for Improving Lipid Metabolism and Inflammation in Atherosclerosis. ACS Appl Mater Interfaces. 2024 Sep 18;16(37):49660-49672.

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