

Product Data Sheet

Product Name: GPLGVRGC

Cat. No.: GC81555

Chemical Properties

Cas. No. 1257658-47-1

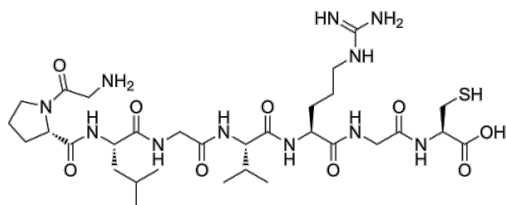
Formula $C_{31}H_{55}N_{11}O_9S$ M.Wt 757.9

Solubility DMSO: 100 mg/mL (131.94 mM; 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



Background

GPLGVRG C is a cysteine-tagged variant of GPLGVRG. GPLGVRG C is hydrolyzable by MMP13. GPLGVRG C mediates the disassembly of micelle-exosome systems, enhances chondrocyte endocytosis, and promotes responsive system uptake. GPLGVRG C confers targeted delivery and responsive release properties to micelle-exosome systems. GPLGVRG C is applicable to the

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

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research of osteoarthritis [1].

In Vitro, GPLGVRGC is specifically cleaved by active MMP13 [1].

References:

[1]. Pizzorno J, et al. Health Medicine. Integr Med (Encinitas). 2022;21(6):8-14.

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