

Product Data Sheet

Product Name: Cyclo(RGDyC) TFA

Cat. No.: GC74415

Chemical Properties

Cas. No.

Formula $C_{24}H_{34}N_8O_8S \cdot xC_2HF_3O_2$

M.Wt 594.64 (free base)

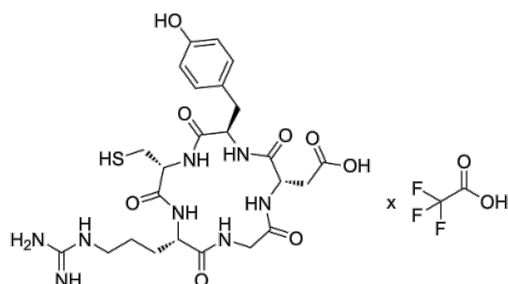
Solubility

Storage Sealed storage, away from moisture and light

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

Cyclo(RGDyC) TFA is a cyclic pentapeptide with anti-angiogenic abilities. Cyclo(RGDyC) TFA can be combined with liposome delivery systems for research on ocular neovascular diseases and cancer.

References:

- [1]. Lu Y, et al. Aqueous synthesized near-infrared-emitting quantum dots for RGD-based in vivo active tumour targeting. Nanotechnology. 2013 Apr 5;24(13):135101.
- [2]. Tang M, et al. Photostable and Biocompatible Fluorescent Silicon Nanoparticles-Based

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

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Theranostic Probes for Simultaneous Imaging and Treatment of Ocular Neovascularization. Anal Chem. 2018 Jul 3;90(13):8188-8195.

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