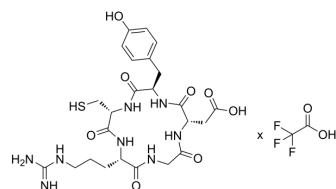


Cyclo(RGDyC) TFA

Cat. No.:	HY-P5840A
Molecular Formula:	$C_{24}H_{34}N_8O_8S \cdot xC_2HF_3O_2$
Sequence:	cyclo(Arg-Gly-Asp-{d-Tyr}-Cys)
Sequence Shortening:	cyclo(RGD-{d-Tyr}-C)
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture and light Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description

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^{[1][2]}.

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

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA