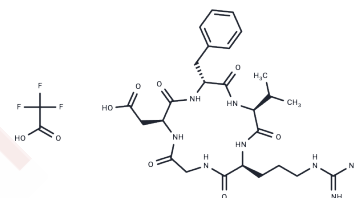


Cyclo(Arg-Gly-Asp-D-Phe-Val) TFA

Chemical Properties

CAS No. :	199807-33-5
Formula:	C ₂₈ H ₃₉ F ₃ N ₈ O ₉
Molecular Weight:	688.662
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Arg-Gly-Asp-D-Phe-Val (TFA) has anti-tumor activity and is an inhibitor of integrin $\alpha\beta 3$.
Targets(IC50)	Apoptosis,Others,Integrin
In vitro	Loop (Arg-Gly-Asp-D-Phe-Val) (TFA) is an inhibitor of integrin $\alpha\beta 3$. Ring (Arg-Gly-Asp-D-Phe-Val) [c (RGDfV)]; [35 nM] will induce the destruction of leukemia cell migration and adhesion to osteoblasts in 3D and 2D culture systems, affecting the leukemia cell cycle And induce apoptosis of leukemia cells.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4521 mL	7.2605 mL	14.521 mL
5 mM	0.2904 mL	1.4521 mL	2.9042 mL
10 mM	0.1452 mL	0.726 mL	1.4521 mL
50 mM	0.029 mL	0.1452 mL	0.2904 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Shen ZH, et al. Targeting of the leukemia microenvironment by c(RGDfV) overcomes the resistance to chemotherapy in acute myeloid leukemia in biomimetic polystyrene scaffolds. *Oncol Lett.* 2016 Nov;12(5):3278-3284.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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