Mca-(endo-1a-Dap(Dnp))-TNF-Alpha (-5 to +6) amide (human) (TFA)

Cat. No.: HY-P3722A

Molecular Formula: $C_{69}H_{103}N_{23}O_{24}.C_2HF_3O_2$

Molecular Weight: 1752.72

Sequence: {Mca}-Pro-Leu-Ala-Gln-Ala-Val-Dap(Dnp)-Arg-Ser-Ser-Ser-Arg-NH2

Sequence Shortening: {Mca}-PLAQAV-Dap(Dnp)-RSSSR-NH2

{Mca}-PLAQAV-Dap(Dnp)-RSSSR-NH_2 (TFA salt)

Target: Fluorescent Dye

Pathway: Others

Storage: Please store the product under the recommended conditions in the Certificate of Analysis.

SOLVENT & SOLUBILITY

In Vitro

H_2O : 12.5 mg/mL (7.13 mM; Need ultrasonic)

Preparing Stock Solutions

Solvent / Mass / Concentration	1 mg	5 mg	10 mg
1 mM	0.5705 mL	2.8527 mL	5.7054 mL
5 mM	0.1141 mL	0.5705 mL	1.1411 mL
10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Mca-(endo-1a-Dap(Dnp))-TNF-Alpha (-5 to +6) amide (human) TFA is a peptide. Mca-(endo-1a-Dap(Dnp))-TNF-Alpha (-5 to +6) amide (human) TFA is a fluorescence resonance energy transfer based substrate, the activity is measured by fluorescence intensity change upon cleavage[1].

REFERENCES

[1]. Yi Wang, et al. Protease assay method using site-specific fluorescence dye labeled protein as substrate. US9708638. 2017.

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