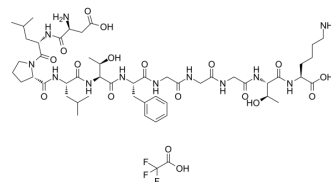


DLPLTFGGGTK TFA

Cat. No.: HY-P3207A
Molecular Formula: C₅₂H₈₁F₃N₁₂O₁₈
Molecular Weight: 1219.26
Sequence Shortening: DLPLTFGGGTK
Target: Others
Pathway: Others
Storage: Sealed storage, away from moisture
 Powder -80°C 2 years
 -20°C 1 year



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (82.02 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.8202 mL	4.1008 mL	8.2017 mL
	5 mM	0.1640 mL	0.8202 mL	1.6403 mL
	10 mM	0.0820 mL	0.4101 mL	0.8202 mL

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

BIOLOGICAL ACTIVITY

Description

DLPLTFGGGTK (TFA) is a surrogate peptide for pembrolizumab identification^[1].

REFERENCES

[1]. Chiu HH, et al. Development of a general method for quantifying IgG-based therapeutic monoclonal antibodies in human plasma using protein G purification coupled with a two internal standard calibration strategy using LC-MS/MS. Anal Chim Acta. 2018;1019:93

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