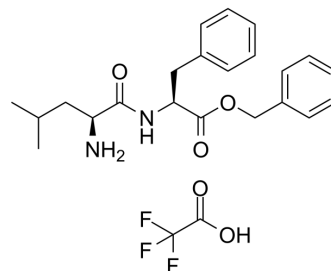


Benzyl L-leucyl-L-phenylalaninate TFA

Cat. No.:	HY-79862
CAS No.:	70637-28-4
Molecular Formula:	C ₂₄ H ₂₉ F ₃ N ₂ O ₅
Molecular Weight:	482.49
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 25 mg/mL (51.81 mM); ultrasonic and warming and heat to 60°C				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.0726 mL	10.3629 mL	20.7258 mL
		5 mM	0.4145 mL	2.0726 mL	4.1452 mL
		10 mM	0.2073 mL	1.0363 mL	2.0726 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 25 mg/mL (51.81 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (5.18 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.18 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Benzyl L-leucyl-L-phenylalaninate TFA is a peptide ^[1] .
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REFERENCES

[1]. Johnson HWB, et al. Required Immunoproteasome Subunit Inhibition Profile for Anti-Inflammatory Efficacy and Clinical Candidate KZR-616 ((2 S,3 R)- N-((S)-3-(Cyclopent-1-en-1-yl)-1-((R)-2-methyloxiran-2-yl)-1-oxopropan-2-yl)-3-hydroxy-3-(4-methoxyphenyl)-2-((S)-2-(2-morpholinoacetamido)propanamido)propanamide). J Med Chem. 2018 Dec 27;61(24):11127-11143.

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

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