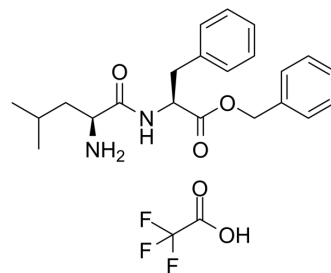


Benzyl L-leucyl-L-phenylalaninate TFA

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	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 25 mg/mL (51.81 mM); Clear solution 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 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)

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

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