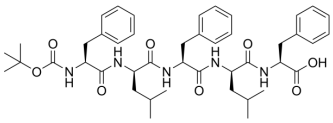
{Boc}-Phe-Leu-Phe-Leu-Phe



Cat. No.: HY-P2355

CAS No.: 66556-73-8

Molecular Formula: $C_{44}H_{59}N_5O_8$

Molecular Weight: 785.97

Sequence Shortening: {Boc}-FLFLF

Target: Formyl Peptide Receptor (FPR)

Pathway: GPCR/G Protein

Storage: Sealed storage, away from moisture and light, under nitrogen

Powder -80°C 2 years

-20°C 1 year

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

SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (127.23 mM; Need ultrasonic)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	1.2723 mL	6.3616 mL	12.7231 mL
	5 mM	0.2545 mL	1.2723 mL	2.5446 mL
	10 mM	0.1272 mL	0.6362 mL	1.2723 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: 2.5 mg/mL (3.18 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

{Boc}-Phe-Leu-Phe-Leu-Phe ({Boc}-FLFLF) is a formyl peptide receptor (FPR) family antagonist that preferentially inhibits activity triggered through the formyl peptide receptor[1].

REFERENCES

[1]. Anna-Lena Stenfeldt, et al. Cyclosporin H, Boc-MLF and Boc-FLFLF are antagonists that preferentially inhibit activity triggered through the formyl peptide receptor. Inflammation. 2007 Dec;30(6):224-9.

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

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