

Gamma - Fibrinogen (377 - 395) YSMKETTMKIIPFNRLSIG

Product Code: 3433-0100

**Innopep
Peptide
Product**

Price: \$101.00

Short Description

YSMKETTMKIIPFNRLSIG

Description

Overview

Description

This fibrinogen-derived inhibitory peptide attenuates microglia activation and suppresses relapsing paralysis in multiple sclerosis (MS). Fibrinogen is a regulator of microglia activation and interaction of fibrinogen with the microglia integrin receptor Mac-1. Because blocking fibrinogen €“Mac-1 interactions affects the pro-inflammatory but not the pro-coagulant properties of fibrinogen, targeting this gamma- fibrinogen epitope could represent a potential therapeutic strategy for MS and other neuroinflammatory diseases associated with blood-brain barrier disruption and microglia activation.

Sequence

YSMKETTMKIIPFNRLSIG

Sequence (3 Letter)

H - Tyr - Ser - Met - Lys - Glu - Thr - Thr - Met - Lys - Ile
- Ile - Pro - Phe - Asn - Arg - Leu - Ser - Ile - Gly - OH

Molecular Weight

2229.7

Properties

Purity

% Peak Area By HPLC ? 95%

Storage

-20 °C

References

Adams, R. et al. J. Exp. Med. Published online 5 March 2007
doi:10.1084/jem.20061931