

Crosstide [GRPRTSSFAEG] GRPRTSSFAEG

Product Code: 3190-0500

**Innopep
Peptide
Product**

Price: \$238.00

Short Description

GRPRTSSFAEG

Description

Overview

Description

Crosstide is a peptide analog of glycogen synthase kinase-3 (GSK-3) that functions as a natural substrate for Akt/PKB. It displays similar specificities towards PKB¹, PKB² and PKB³ isoforms. It is also recognized by MAPKAP kinase-1 and p70S6K. The fluorescent and biotinylated peptides demonstrate similar enzyme activities.

Sequence

GRPRTSSFAEG

Sequence (3 Letter)

H - Gly - Arg - Pro - Arg - Thr - Ser - Ser - Phe - Ala - Glu
- Gly - OH

Molecular Weight

1164.2

Properties

Purity

% Peak Area By HPLC ? 95%

Storage

-20 °C

References

Ref: Dai, F. et al. Biochem. Biophys. Res. Commun. 293, 1191 (2002). Meier, R. et al. J. Biol. Chem. 272, 30491 (1997); Chan, TO. et al. Ann. Rev. Biochem. 68, 965 (1999).

