

**DATASHEET**

Version: 2016-08-18

**Crosstide****Cat. No.:** RP20200**Size:** 5 mg**Alias:** Crosstide**Description:**

Crosstide is the peptide counterpart of glycogen synthase kinase-3 (GSK-3). It functions as a natural substrate for Akt/PKB. Recognized by MAPKAP kinase-1 and p70S6K, this peptide also displays similar specificity towards PKB $\alpha$ , PKB $\beta$ , and PKB $\gamma$  isoforms. The fluorescent and biotinylated version of this peptide demonstrate similar enzymatic activities.

**Cas No:** 171783-05-4**Sequence (one-letter code):**

GRPRTSSFAEG

**Sequence (three-letter code):**

{Gly}{Arg}{Pro}{Arg}{Thr}{Ser}{Ser}{Phe}{Ala}{Glu}{Gly}

**Formula:** C<sub>48</sub>H<sub>77</sub>N<sub>17</sub>O<sub>17</sub>**Molecular Weight:** 1,164.2**Purity:** > 95%**Storage:**

Store at -20°C. Keep tightly closed. Store in a cool dry place.

**Note:**

\*For Non-Clinical Research Use Only \*

