

## [D-Pro2] Spantide I TFA

**Cat. No.:** HY-P1194B

**Molecular Formula:**  $C_{75}H_{108}N_{20}O_{13} \cdot xC_2HF_3O_2$

**Sequence:** {D-Arg}-{D-Pro}-Lys-Pro-Gln-Gln-{D-Trp}-Phe-{D-Trp}-Leu-Leu-NH<sub>2</sub>

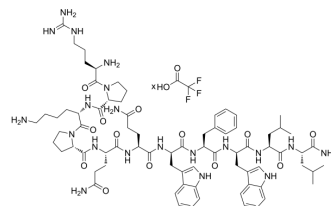
**Sequence Shortening:** {D-Arg}-{D-Pro}-KPQQ-{D-Trp}-F-{D-Trp}-LL-NH<sub>2</sub>

**Target:** Neurokinin Receptor

**Pathway:** GPCR/G Protein; Neuronal Signaling

**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)



### BIOLOGICAL ACTIVITY

#### Description

[D-Pro2] Spantide I TFA is a Spantide analog. Spantide I is a selective NK1 receptor antagonist<sup>[1]</sup>.

### REFERENCES

[1]. C Di Bello, et al. Fluorescence, CD, and NMR studies on spantide, a bombesin and substance P antagonist. Biopolymers. 1991 May;31(6):643-52.

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

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