

Dermorphin Analog

Cat. No.: RP13522

Size: 0.5 mg

Description:

The **dermorphin**-derived peptide [Dmt1] dermorphin analog labels m-opioid receptors with high affinity and selectivity in receptor binding assays. In mice, radiant heat tail-flick assays, [Dmt1] dermorphin analog produces profound spinal and supraspinal analgesia, being approximately 5000 and 100 times more potent respectively than morphine in causing these analgesia on a molar basis. When administered systemically, [Dmt1] dermorphin analog has been shown to be over 200 times more potent than morphine.

C-Terminal: NH₂

Sequence (three-letter code):

TYR-d-ARG-PHE-SAR-TYR-PRO-SER-NH₂

Solubility: Dermorphin analog is soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weigh out a smaller portion of the contents.

Formula: C₄₄H₅₉N₁₁O₁₀

Molecular Weight: 901.43

Purity: > 95%

Storage:

Before use, store dermorphin analog in the DRY form at 0-5°C. For best and most repeatable results, rehydrate the peptide immediately before use. Do not re-freeze any unused portions.

Note:

*For Non-Clinical Research Use Only *

