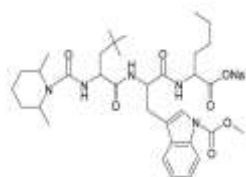


**PRODUCT: BQ-788 Sodium Salt**

**ALTERNATE NAME:** (2R)-2-[[[(2R)-2-amino-3-(1-methoxycarbonylindol-3-yl)propanoyl]-[(2S)-2-[[[(2R,6S)-2,6-dimethylpiperidine-1-carbonyl]amino]-4,4-dimethylpentanoyl]amino]hexanoate, sodium

**CATALOG #:** B1554-500, 1000

**AMOUNT:** 500 µg, 1 mg

**STRUCTURE:**

**MOLECULAR FORMULA:** C<sub>34</sub>H<sub>50</sub>N<sub>5</sub>O<sub>7</sub>Na

**MOLECULAR WEIGHT:** 663.79

**CAS NUMBER:** 156161-89-6

**APPEARANCE:** White lyophilized solid

**SOLUBILITY:** DMSO (~5 mg/ml)

**PURITY:** ≥97% by HPLC

**STORAGE:** Store at -20 °C. Protect from air and moisture

**DESCRIPTION:** BQ-788 is a potent and selective antagonist of endothelin (ET) B-receptor (IC<sub>50</sub> = 1.2 nM). BQ-788 is a good tool for demonstrating the role of ET-1 and ET(B) receptor subtypes in physiological and/or pathophysiological conditions. Q-788 competitively antagonizes the vasoconstriction induced by an ET<sub>B</sub>-selective agonist on isolated rabbit pulmonary arteries, blocks ET-1 induced bronchoconstriction in guinea pigs, and abolishes an ET-1 mediated depressor response in rats.

**REFERENCES:** Okada, M., and Nishikibe, M. (2002). *Cardiovasc. Drug Rev.* **20**, 53-66.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

BQ-123 Sodium Salt (**B1552**)

BQ-610 (**B1553**)

BQ-688 (**B1554**)

Endothelin-1 ELISA Kit (**K7429**)

**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**