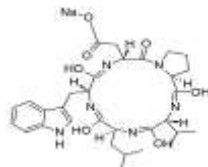


**PRODUCT: BQ-123 Sodium Salt****ALTERNATE NAME:** Cyclo (D-Trp-D-Asp-Pro-D-Val-Leu) ; Endothelin Receptor A Antagonist BQ-123**CATALOG #:** B1552-1,5**AMOUNT:** 1 mg, 5 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>31</sub>H<sub>41</sub>N<sub>6</sub>O<sub>7</sub>•Na**MOLECULAR WEIGHT:** 632.69**CAS NUMBER:** 136553-81-6 (free acid)**APPEARANCE:** White lyophilized solid**SOLUBILITY:** H<sub>2</sub>O**PURITY:** ≥95% by HPLC**STORAGE:** Store at -20 °C. Protect from air and moisture**DESCRIPTION:** BQ-123 sodium is a potent and selective ET<sub>A</sub> endothelin receptor antagonist (K<sub>i</sub> values are 1.4 and 1500 nM at ET<sub>A</sub> and ET<sub>B</sub> receptors respectively). It also inhibits ET-1 receptor binding and blocks Ca<sup>2+</sup> mobilization, cellular contraction and MAP kinase activation.**REFERENCES:** Sakamoto, A., *et al.* (1993). *J. Biol. Chem.* **268**, 8546-8563.**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-788 (**B1554**)Endothelin-1 ELISA Kit (**K7429**)**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**