

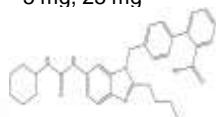
**PRODUCT: BIBS39**

**ALTERNATE NAME:** 4'-((2-Butyl-6-(((cyclohexylamino)carbonyl)amino)-1H-benzimidazo-1-yl)methyl)-(1,1'-biphenyl)-2-carboxylic acid

**CATALOG #:** B1071-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>32</sub>H<sub>36</sub>N<sub>4</sub>O<sub>3</sub>

**MOLECULAR WEIGHT:** 524.66

**CAS NUMBER:** 133085-33-3

**APPEARANCE:** Crystalline solid

**SOLUBILITY:** DMSO

**PURITY:** ≥98% by HPLC

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

**DESCRIPTION:** BIBS-39 is a novel, nonpeptide angiotensin II receptor antagonist that displays antihypertensive activity. In contrast to the angiotensin II receptor subtype 1 (AT1) selective drug DuP 753, BIBS-39 also displays affinity for the angiotensin II receptor subtype 2. BIBS 39 displaces [125I] All from its specific binding sites with a K(i) value of 29 +/- 7 nM for the All subtype I (AT1) receptor and a K(i) value of 480 +/- 110 nM for the All subtype 2 (AT2) receptor.

**REFERENCES:** Zhang J *et al.* (1992). *Eur. J. Pharmacol.* **218**, 35-41.

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

**RELATED PRODUCTS:**

BIBS39 (Cat. No. B1071-5, 25)

EXP-3714 (9672-5, 25)

Losartan Potassium (2750-50, 250)

Valsartan (2004-25, 100, 500)

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