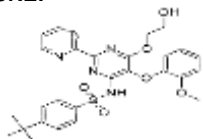


PRODUCT: Bosentan

ALTERNATE NAME: 4-(1,1-dimethylethyl)-N-[6-(2-hydroxyethoxy)-5-(2-methoxyphenoxy)[2,2'-bipyrimidin]-4-yl]-benzenesulfonamide; Ro 47-0203

CATALOG NUMBER: B1857-1,5

AMOUNT: 1 mg, 5 mg

STRUCTURE:

MOLECULAR FORMULA: C₂₇H₂₉N₅O₆S

MOLECULAR WEIGHT: 551.61

CAS NUMBER: 147536-97-8

APPEARANCE: White solid

SOLUBILITY: DMSO (>40 mg/ml) or EtOH (>20 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: Bosentan is an antagonist of the endothelin receptors type A (K_i = 6.5 nM) and type B (K_i = 340 nM). Inhibits ET-1 induced contraction of isolated rat aorta and sarafotoxin S6C-induced contraction of rat trachea *in vitro*.

REFERENCES: Gardiner, S.M., *et al.* (1994). *Br. J. Pharmacol.* **112**, 823-830.

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

RELATED PRODUCTS:

Bosentan (**B1857**)

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

BQ-610 (**B1553**)

BQ-688 (**B1554**)

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

Macitentan (**B1856**)

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