

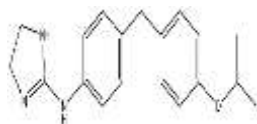
CAY-10441

ALTERNATE NAME: 4,5-dihydro-N-[4-[[4-(1-methylethoxy)phenyl]methyl]phenyl]-1H-imadazol-2-amine
RO-1138452
RO1138452

CATALOG #: B2353-25
B2353-5

AMOUNT: 25 mg
5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₉ H₂₃ N₃ O

MOLECULAR WEIGHT: 309.4

CAS NUMBER: 221529-58-4

APPEARANCE: Crystalline solid

PURITY: ≥98%

SOLUBILITY: ~20 mg/ml (DMSO)

REFERENCES: Clark, R.D., et al. (2004). Bioorg. & Med. Chem. Lett. 14, 1053-1056

DESCRIPTION: CAY-10441 is a potent and selective IP (prostacyclin) receptor antagonist. It displays high affinity for IP receptors. CAY-10441 antagonizes the carbaprostacyclin-induced activation of human neuroblastoma adenylate cyclase, blocking cyclic AMP accumulation in a dose-dependent manner.

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

RELATED PRODUCTS:

Cyclooxygenase, human recombinant (P1344)
Cyclooxygenase (COX) Activity Assay Kit (Fluorometric) (K549)
COX-2 Inhibitor Screening Kit (Fluorometric) (K547)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*