

PRODUCT: RWJ-67657**ALTERNATE NAMES:** 4-[4-(4-Fluorophenyl)-1-(3-phenylpropyl)-5-(4-pyridinyl)-1H-imidazol-2-yl]-3-butyn-1-ol**CATALOG NUMBER:** B2098-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₇H₂₄FN₃O**MOLECULAR WEIGHT:** 425.5**CAS NUMBER:** 215303-72-3**APPEARANCE:** White solid**SOLUBILITY:** DMSO (>40 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light

DESCRIPTION: RWJ-67657 is a potent inhibitor of the MAP kinases p38 α and p38 β (IC₅₀s = 1 and 11 μ M, respectively, *in vitro*); inactive against p38 γ and p38 δ , as well as several other kinases. RWJ-67657 blocks the release of TNF- α and IL-1 β from peripheral blood mononuclear cells stimulated with LPS (IC₅₀s = 3 and 11 nM, respectively) and inhibits TNF- α production in LPS-treated mice and rats.

REFERENCE: Wadsworth, S.A., *et al.* (1999). *J. Pharmacol. Exp. Ther.* **291**, 680-687.

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

RELATED PRODUCTS:

Alsterpaullone (Cat. No. 1897-1, 5)
 AZD-6244 (Cat. No. 2234-5, 25)
 BIX01289 (Cat. No. 2670-1, 5)
 Butyrolactone I (Cat. No. 1690-200)
 Doramapimod (Cat. No. 1954-5, 25)
 Flavopiridol (Cat. No. 2090-1, 5)
 10Z-Hymenialdisine (Cat. No. 2212-250, 1000)
 Kenpaullone (Cat. No. 1904-1)
 MEK-162 (Cat. No. 2254-5, 25)
 PD1834352 (CI-1040) (Cat. No. 1585-1, 5, 25)
 EZSolution™ PD184352 (Cat. No. 1871-1)
 PD325901 (Cat. No. 1643-2, 5, 25)
 PD98059 (Cat. No. 1666-5)
 EZSolution™ PD98059 (Cat. No. 1783-5)
 RO-3306 (Cat. No. 2039-1, 5)
 Roscovitine (Cat. No. 1950-1, 5)
 RWJ-67657 (Cat. No. B2098-5,25)
 SB 203580 (Cat. No. 1712-1, 5)
 EZSolution™ SB203580 (1786-1)
 SB202190 (Cat. No. 2493-5, 25)
 Sorafenib (Cat. No. 1594-25, 100)
 TAK733 (Cat. No. 2460-5, 25)
 TG003 (Cat. No. 1905-5, 25)
 7, 3', 4'-Trihydroxyisoflavone (1886-25, 100)
 U0126 (Cat. No. 1668-5)
 VX-702 (Cat. No. 1598-1, 5)
 VX-745 (Cat. No. 2812-5, 25)

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