

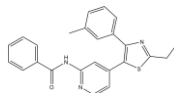
PRODUCT: TAK-715

ALTERNATE NAMES: TAK715; TAK 715; N-[4-[2-Ethyl-4-(3-methylphenyl)-5-thiazolyl]-2-pyridinyl]benzamide

CATALOG#: B1701-5, -25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₂₁N₃OS

MOLECULAR WEIGHT: 399.51

CAS NUMBER: 303162-79-0

APPEARANCE: White solid powder

SOLUBILITY: DMSO

PURITY: >98%

STORAGE: Dry, dark and at 4°C for short term (days to weeks) or at -20°C for long term. Protect from air and light.

DESCRIPTION: TAK-715 is a selective inhibitor of p38 MAPK with IC₅₀ value of 7.1 nM.

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

REFERENCES:

1. Miwatashi S, et al. Novel inhibitor of p38 MAP kinase as an anti-TNF-alpha drug: discovery of N-[4-[2-ethyl-4-(3-methylphenyl)-1,3-thiazol-5-yl]-2-pyridyl]benzamide (TAK-715) as a potent and orally active anti-rheumatoid arthritis agent. *J Med Chem*, 2005, 48(19), 5966-5979.
2. Verkaar F, et al. Inhibition of Wnt/β-catenin signaling by p38 MAP kinase inhibitors is explained by cross-reactivity with casein kinase Iδ/? *Chem Biol*, 2011, 18(4), 485-494.

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)
- 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**