

PRODUCT: TC-S 7010

ALTERNATE NAME: N-(2-Chlorophenyl)-4-[[2-[[4-[2-(4-ethyl-1-piperazinyl)-2-oxoethyl]phenyl]amino]-5-fluoro-4-pyrimidinyl]amino]-benzamide

CATALOG #: B1203-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₁H₃₁ClFN₇O₂

MOLECULAR WEIGHT: 588.07

CAS NUMBER: 1158838-45-9

APPEARANCE: White solid

SOLUBILITY: DMSO (>50 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: TC-S 7010 is a potent and selective inhibitor of Aurora kinase A (IC₅₀ = 3.4 nM). It displays 1000-fold selectivity for Aurora kinase A over Aurora kinase B. Displays antiproliferative activity in HCT116 and HT29 cells (IC₅₀ values are 0.19 and 2.9 μM respectively).

REFERENCES: Aliagas-Martin, I., *et al.* (2009). *J. Med. Chem.* **52**, 3300-3307.

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

RELATED PRODUCTS:

AT-9823 (Cat. No. 2432-5, 25)

Aurora Kinase B Inhibitor (Cat. No. 1583-5, 25)

AZD1480 (Cat. No. 2315-1, 5)

CP-690550 (Cat. No. 1622-5, 25)

Lestaurtinib (Cat. No. 1805-500, 1000)

MLN8237 (Cat. No. 2718-5,25)

LLL12 (Cat. No. 1792-5, 25)

MS-1020 (Cat. No. 1911-1)

Reversine (Cat. No. 1851-1, 5)

Ruxolitinib, free base (Cat. No. 2139-5, 25)

Tozasertib (Cat. No. 1595-25, 100)

EZSolution™ Tozasertib (Cat. No. 1803-

TG101348 (Cat. No. 2314-1, 5)

Tyrphostin AG 490 (Cat. No. 1570-5)

WHI-P131 (Cat. No. 1853-5, 25)

WP1066 (Cat. No. 1809-5, 25)

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