

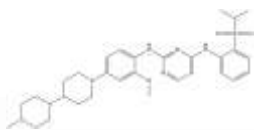
PRODUCT: ASP-3026

ALTERNATE NAME: 2-N-[2-methoxy-4-[4-(4-methylpiperazin-1-yl)piperidin-1-yl]phenyl]-4-N-(2-propan-2-ylsulfonylphenyl)-1,3,5-triazine-2,4-diamine

CATALOG #: B1296-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₉H₄₀N₈O₃S

MOLECULAR WEIGHT: 580.74

CAS NUMBER: 1097917-15-1

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO (>6 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: ASP-3026 is a potent, and ATP-competitive inhibitor of ALK (Anaplastic Lymphoma Receptor Tyrosine Kinase) with IC₅₀ value of 3.5 nM. It also inhibits ROS (IC₅₀ = 8.9 nM) and ACK (IC₅₀ = 5.8 nM). ASP3026 has been shown to overcome Crizotinib (Cat. No. 1934) resistance in non-small cell lung cancer.

REFERENCES: Mori, M., *et al.* (2015). *Mol. Cancer Ther.* **13**, 329-340.

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

RELATED PRODUCTS:

A83-01 (Cat. No. 1725-1)

ASP-3026 (Cat. No. B1296-5,25)

EZSolution™ A83-01, Sterile-Filtered (Cat. No. 1989-1)

EW-7197 (Cat. No. B1191-5,25)

LY364947 (Cat. No. 2646-1,5)

RepSox (Cat. No. 1894-5, 25)

EZSolution™ RepSox (Cat. No. 2641-5)

SB-431542 (Cat. No. 1674-1, 5)

EZSolution™ SB-431542, Sterile-Filtered (Cat. No. 1992-1)

SMAD3 Inhibitor, SIS3 (Cat. No. 2227-1, 5)

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