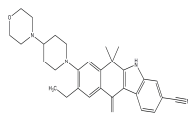


PRODUCT: CH5424802

ALTERNATE NAME: 9-Ethyl-6,6-dimethyl-8-(4-morpholinopiperidin-1-yl)-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile; Alectinib; AF-802

CATALOG #: 2867-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₃₀H₃₄N₄O₂

MOLECULAR WEIGHT: 482.62

CAS NUMBER: 1256580-46-7

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (2 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: CH5424802 is a potent, selective, ATP-competitive inhibitor of anaplastic lymphoma kinase (ALK) (IC₅₀ = 1.9 nM). It displays potent antitumor activity against RET-rearranged non-small cell lung cancer (NSCLC).

REFERENCES: Kodama, T., *et al.* (2014). *Cancer Lett.* **351**, 215-221.

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)

AZD-3463 (Cat. No. 2371-5, 25)

Crizotinib (Cat. No. 1934-5, 25)

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

LDN-193189 (Cat. No. 1995-5, 25)

EZSolution™ LDN193189 (Cat. No. 2092-5)

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)

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