

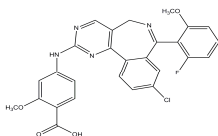
Product: MLN8237

ALTERNATE NAME: 4-[[9-chloro-7-(2-fluoro-6-methoxyphenyl)-5H-pyrimido[5,4-d][2]benzazepin-2-yl]amino]-2-methoxy-benzoic acid; Alisertib

CATALOG #: 2718-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₇H₂₀ClFN₄O₄

MOLECULAR WEIGHT: 518.90

CAS NUMBER: 1028486-01-2

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO (>40 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: MLN8237 is a potent and selective inhibitor of Aurora kinase A (IC₅₀ = 1.2 nM). It displays >200-fold higher selectivity for Aurora kinase A over Aurora kinase B. Displays antineoplastic activity.

REFERENCES: Hong, X., *et al.* (2014). *Cancer Chemother. Pharmacol.* **73**, 983-990.

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)

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)

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