

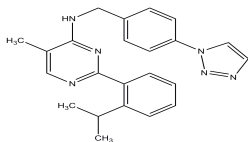
Product: ML-323

ALTERNATE NAME: 4-Pyrimidinamine, 5-methyl-2-[2-(1-methylethyl)phenyl]-N-[[4-(1H-1,2,3-triazol-1-yl)phenyl]methyl]-

CATALOG #: 2658-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₃H₂₄N₆

MOLECULAR WEIGHT: 384.48

CAS NUMBER: 1572414-83-5

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO (>50 mg/ml) or EtOH (>25 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: ML323 is a potent, reversible, inhibitor of USP1-UAF1 with IC₅₀ of 76 nM in a Ub-Rho assay and 174 nM and 820 nM in orthogonal gel-based assays using K63-linked diubiquitin (di-Ub) and monoubiquitinated PCNA (Ub-PCNA) as substrates, respectively.

REFERENCE: Liang, Q., *et al.* (2014). *Nat. Chem. Biol.* **10**, 298-304.

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

RELATED PRODUCTS:

Aclacinomycin A (Cat. No. 2032-5, 25)

Calpain Inhibitor I, ALLN (Cat. No. 1834-5, 25)

Calpain Inhibitor II, ALLM (Cat. No. 1834-5, 25)

Clasto-Lactacystin β-Lactone (Cat. No. 1710-100)

Carfilzomib (Cat. No. 2385-5, 25)

CEP-18770 (Cat. No. 2433-5, 25)

DUB inhibitor, NSC-632839 (Cat. No. 2570-5, 25)

E6AP Antibody (Cat. No. 3744-100)

(-)-Epigallocatechin gallate (Cat. No. 1841-50)

Fenbendazole (Cat. No. 2157-100, 500)

Isopeptidase T (short form), human recombinant (Cat. No. 4861-25)

Isopeptidase T (long form), human recombinant (Cat. No. 4862-25)

Lactacystin (Cat. No. 1709-200)

MG-115 (Cat. No. 1831-1, 5)

EZSolution™ MG-115 (Cat. No. 2144-1)

MG-132 (Cat. No. 1703-5, 25)

MLN-4924 (Cat. No. 2566-500, 1000)

ONX-0914 (Cat. No. 2555-5, 25)

Oprozomib (Cat. No. 2386-5, 25)

PS-341 (Cat. No. 1846-1,5)

EZSolution™ MG-132 (Cat. No. 1791-5)

Proteasome Activity Assay Kit (Cat. No. K245-100)

Proteasome Substrate, Fluorogenic (Cat. No. 1832-1, 5)

PYR-41 (Cat. No. 1925-5, 25)

PS-341 (Cat. No. 1846-1, 5)

EZSolution™ PS-341 (Cat. No. 2145-1)

Suc-Leu-Leu-Val-Tyr-AMC (Cat. No. 1833-5)

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