

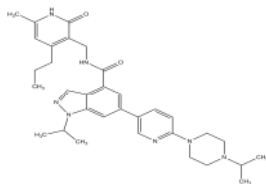
PRODUCT: **UNC1999**

ALTERNATE NAME: 1-Isopropyl-6-(6-(4-isopropylpiperazin-1-yl)pyridin-3-yl)-N-((6-methyl-2-oxo-4-propyl-1,2-dihydropyridin-3-yl)methyl)-1H-indazole-4-carboxamide

CATALOG #: 2449-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₃H₄₃N₇O₂

MOLECULAR WEIGHT: 569.74

CAS NUMBER: 1431612-23-5

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (~15 mg/ml)

PURITY: >98% by HPLC

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

DESCRIPTION: A potent histone H3-lysine 27 (H3K27) methyltransferase EZH2 inhibitor (IC₅₀ = 2 nM). UNC1999 is >1000-fold selective for other HMTs except EZH1 (22-fold selectivity). It inhibits H3K27 methylation in MCF10A cells with an IC₅₀ of 124 nM as measured by immunofluorescence.

REFERENCE: Konze, K.D., *et al.* (2013). *ACS Chem. Biol.* Apr. 24

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

RELATED PRODUCTS:

AMI-1 (Cat. No. 1943-5, 25)
 Aza-2'-deoxycytidine (Cat. No. 1754-10, 50)
 5- BIX01294 (Cat. No. 1678-5, 25)
 Bromodomain Inhibitor, (+)-JQ1 (Cat. No. 2070-1, 5)
 EPZ004777 (Cat. No. 2381-1, 5)
 EPZ-5676 (Cat. No. 2382-1, 5)
 EPZ-6438 (E7438) (Cat. No. 2383-1, 5)
 EPZ005687 (Cat. No. 2364-2, 10)
 EZSolution™ EPZ005687 (Cat. No. 2375-2)
 EZSolution™ GSK126 (Cat. No. 2366-1)
 3-Deazaneplanocin A (Cat. No. 2060-250, 1000)
 3-Deazaneplanocin A hydrochloride (Cat. No. 2060-250, 1000)
 GSK343 (Cat. No. 2281-1, 5)
 EZSolution™ GSK343 (Cat. No. 2365-1)
 EZSolution™ GSK126 (Cat. No. 2366-1)
 GSK126 (Cat. No. 2282-1, 5)
 (+)-JQ1 (Cat. No. 2070-1, 5)
 EZSolution™ (+)-JQ1 (Cat. No. 2091-1)
 Lomeguatrib (Cat. No. 2224-5, 25)
 RG108 (Cat. No. 1679-10, 30)
 SGC0946 (Cat. No. 2448-5, 25)
 UNC0638 (Cat. No. 1933-1,
 Zebularine (Cat. No. 2225-1, 5)

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