



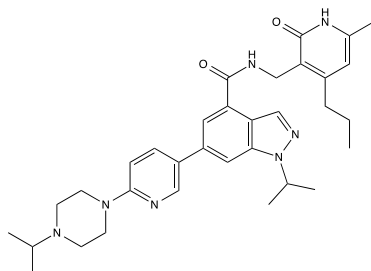
Catalog # 10-4542

UNC1999

CAS# 1431612-23-5

N-[(6-methyl-2-oxo-4-propyl-1H-pyridin-3-yl)methyl]-1-propan-2-yl-6-[6-(4-propan-2-ylpiperazin-1-yl)pyridin-3-yl]indazole-4-carboxamide

Lot # FBS1044



UNC1999 is an orally bioavailable, highly selective inhibitor of both wild-type and mutant EZH1 and EZH2 lysine methyltransferases (IC_{50} 's = 45 nM and 2 nM respectively).¹ Inhibition of EZH2 with UNC1999 enhanced the efficacy of gefitinib in suppressing the proliferation of colon cancer cells.²

- 1) Konze *et al.* (2013), *An Orally Bioavailable Chemical Probe of the Lysine Methyltransferases EZH2 and EZH1*; ACS Chem.Biol. **8** 1324
- 2) Katona *et al.* (2014), *EZH2 inhibition enhances the efficacy of an EGFR inhibitor in suppressing colon cancer cells*; Cancer Biol.Ther., **15** 1677

PHYSICAL DATA

Molecular Weight:	569.74
Molecular Formula:	C ₃₃ H ₄₃ N ₇ O ₂
Purity:	>98% by HPLC
	NMR: (Conforms)
Solubility:	DMSO (10 mg/mL)
Physical Description:	White solid
Storage and Stability:	Store as supplied at room -20°C for up to 1 year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

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