



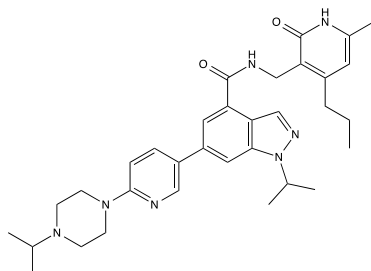
Catalog # 10-4542

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 # X106906



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:	Off-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.

Focus Biomolecules LLC 400 Davis Drive, Suite 600 Plymouth Meeting PA 19462

www.focusbiomolecules.com