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Datasheet for ABIN7233305

UNC1999

1 Image

Overview

Quantity: 5 mg

Application: Inhibition (Inh)

Product Details

Purpose: Methyltransferase inhibitor

Characteristics: UNC1999 is an orally active, highly selective inhibitor of both wild-type and mutant EZH1 and EZH2 lysine methyltransferases (IC50's = 45 nM and 2 nM respectively). Inhibition of EZH2 with UNC1999 enhanced the efficacy of gefitinib in suppressing the proliferation of colon cancer cells. It suppresses global H3K27 trimethylation/demethylation and inhibits the growth of mixed lineage leukemia (MLL)-rearranged leukemia cells.

Purity: >98 %

Chemical Name: 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

Formula: C33H43N7O2

Solubility: Soluble in DMSO (up to 10 mg/ml).

Target Details

Background: Epigenetics,Proliferation,Protein methyltransferase,Cancer,Posttranslational modification,Chromatin

Molecular Weight: 569.74

CAS-No: 1431612-23-5

Application Details

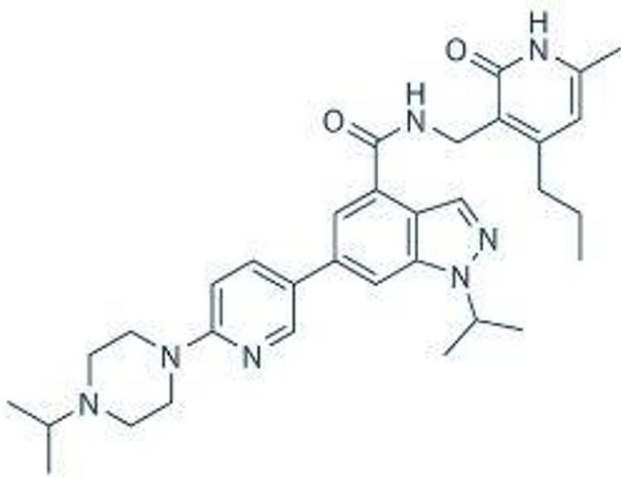
Restrictions: For Research Use only

Handling

Format: Powder

Storage: -20 °C

Images



Molecule

Image 1. /