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Datasheet for ABIN7233251

EPZ015666

1 Image

Overview

Quantity: 5 mg

Application: Inhibition (Inh)

Product Details

Purpose: Potent and selective PRMT5 inhibitor

Characteristics: Potent (IC₅₀ = 22 nM) and selective inhibitor of arginine methyltransferase 5 (PRMT5). PRMT5 dimethylates Myc, and its inhibition by EPZ015666 suppresses cell growth and induces apoptosis and/or cell cycle arrest in medulloblastoma and retinoblastoma cells. It also sensitizes glioblastoma cells to mTOR inhibitor PP242.

Purity: >98 %

Chemical Name: (S)-N-(3-(3,4-Dihydroisoquinolin-2(1H)-yl)-2-hydroxypropyl)-6-(oxetan-3-ylamino)pyrimidine-4-carboxamide

Formula: C₂₀H₂₅N₅O₃

Solubility: Soluble in DMSO (up to 20 mg/ml)

Target Details

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

Molecular Weight: 383.44

CAS-No: 1616391-65-1

Application Details

Restrictions: For Research Use only

Handling

Format: Powder

Storage: -20 °C

Images

Molecule

Image 1. /

