

Datasheet for ABIN7233257

GSK3326595[Go to Product page](#)

1 Image

Overview

Quantity: 5 mg

Application: Inhibition (Inh)

Product Details

Purpose: Selective PRMT5 inhibitor

Characteristics: GSK3326595 is a potent (IC₅₀ = 6.2nM), selective (>4000-fold over 20 other methyltransferases), SAM uncompetitive, peptide competitive inhibitor of PRMT5. PRMT5 inhibition activated the p53 pathway via induction of alternative splicing of MDM4 leading to a potent anti-proliferative response both in vitro and in vivo. Combination therapy with palbociclib (CDK4/6 inhibitor) and GSK3326595 lead to increased efficacy of palbociclib in treating native and resistant models of melanoma via regulation of the PRMT5-MDM4 axis. Currently in clinical Trials.

Purity: >98 %

Chemical Name: 6-[(1-Acetylpiperidine-4-yl)amino]-N-[(2S)-3-(3,4-dihydro-1H-isoquinolin-2-yl)-2-hydroxypropyl]pyrimidine-4-carboxamide

Formula: C₂₄H₃₂N₆O₃

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

Target Details

Background: EPZ015938,Proliferation,Epigenetics,Posttranslational modification,Protein methyltransferase,RNA,Cancer,Chromatin,p53

Molecular Weight: 452.56

Target Details

CAS-No: 1616392-22-3

Application Details

Restrictions: For Research Use only

Handling

Format: Powder

Storage: -20 °C

Images

Molecule

Image 1. /

