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Datasheet for ABIN7233259

GSK-J4

1 Image

Overview

Quantity: 5 mg

Application: Inhibition (Inh)

Product Details

Purpose: JMJ H3K27 Demethylase inhibitor (cell permeable)

Characteristics: Histone demethylase JMJD3/UTX inhibitor. Inhibits demethylation of histone H3K27. Reduces LPS-induced proinflammatory cytokine production in primary human macrophages (IC50 = 9 μ M for the inhibition of TNF α release). Cell permeable, ethyl ester of GSK J1. Rescues newborn pups from embryonic lethality in BRAF knockin mice which recapitulate major features of RASopathies.

Purity: >98 %

Chemical Name: N-[2-(2-Pyridinyl)-6-(1,2,4,5-tetrahydro-3H-3-benzazepin-3-yl)-4-pyrimidinyl]- β -alanine ethyl ester

Formula: C24H27N5O2

Permeability: Cell-permeable

Solubility: Soluble in DMSO (up to 40 mg/ml) or in Ethanol (up to 40 mg/ml).

Target Details

Background: Epigenetics, Posttranslational modification, Protein demethylase, Immunology, Inflammation, Cytokine, Chromatin

Molecular Weight: 417.48

CAS-No: 1373423-53-0

Application Details

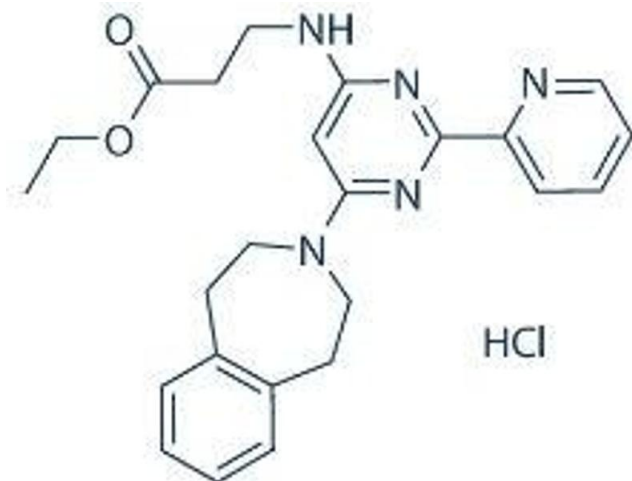
Restrictions: For Research Use only

Handling

Format: Wax

Storage: -20 °C

Images



Molecule

Image 1. /