

[Go to Product page](#)

Datasheet for ABIN7233275

PFI-3**1** Image

Overview

Quantity: 5 mg

Application: Inhibition (Inh)

Product Details

Purpose: Bromodomain inhibitor

Characteristics: PFI-3 is a selective inhibitor of family VIII bromodomains PB1(5), SMARCA2, and SMARCA4. It showed complete selectivity over all non-family VIII bromodomains. PFI-3 blocked adipogenesis in C3H10T1/2 mesenchymal cells at 20µM. Treatment of embryonic stem cells with PFI-3 led to deprivation of stemness and deregulated lineage specificity. Differentiation of trophoblast stem cells in the presence of PFI-3 was enhanced. Cell permeable.

Purity: >98 %

Chemical Name: (2E)-1-(2-Hydroxyphenyl)-3-[(1R,4R)-5-(pyridine-2-yl)-2,5-diazabicyclo{2.2.1}heptan-2-yl]prop-2-en-1-one

Formula: C19H19N3O2

Permeability: Cell-permeable

Solubility: Soluble in DMSO (up to at least 25 mg/ml)

Target Details

Background: Epigenetics,Bromodomain,Stem Cells,Cancer,Posttranslational modification,Chromatin

Molecular Weight: 321.4

CAS-No: 1819363-80-8

Application Details

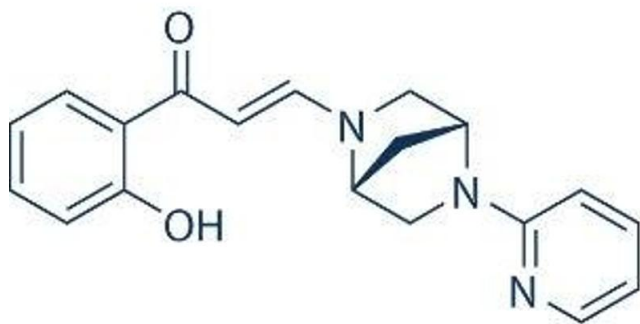
Restrictions: For Research Use only

Handling

Format: Powder

Storage: -20 °C

Images



Molecule

Image 1. /