Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

PF-9366

Catalog No: tcsc0030145

Available Sizes

Size: 5mg

Size: 10mg

Size: 25mg

Size: 50mg

Size: 100mg

Specifications

CAS No:
72882-78-1

Formula:
$C_{20}H_{19}ClN_4$

Pathway:
Others

Target:
Others

Purity / Grade:
>98%

Solubility:
DMSO : 25 mg/mL (71.26 mM; Need ultrasonic)

Observed Molecular Weight:
350.84

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Product Description

PF-9366 is a human methionine adenosyltransferase 2A (**Mat2A**) inhibitor, with an **IC_{50}** of 420 nM and a **K_d** of 170 nM.

IC50 & Target: IC50: 420 nM (Mat2A)[1]

Kd: 170 nM (Mat2A)[1]

In Vitro: PF-9366 is a Mat2A inhibitor, with an IC_{50} of 420 nM and a K_d of 170 nM. PF-9366 displays no substantial off-target activity in GPCRs, neurotransporters, phosphodiesterases, and ion channels. PF-9366 has inhibitory activity against Mat2A in cancer cells. PF-9366 inhibits cellular S-Adenosyl-L-methionine (SAM) production with an IC_{50} of 1.2 μM in H520 lung carcinoma cells. PF-9366 is more potent in Huh-7 cells against SAM synthesis, with an IC_{50} of 255 nM, and also suppresses the proliferation of cells with an IC_{50} of 10 μM.