

# 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

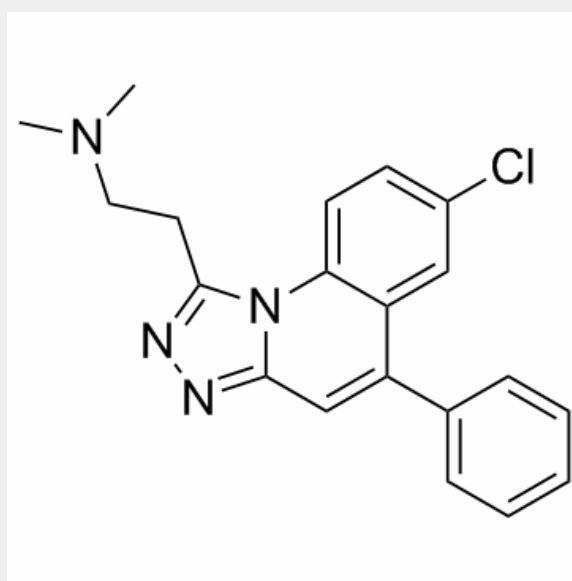
## Product Description

PF-9366 is a human methionine adenosyltransferase 2A (**Mat2A**) inhibitor, with an **IC<sub>50</sub>** of 420 nM and a **K<sub>d</sub>** of 170 nM.

IC50 & Target: IC50: 420 nM (Mat2A)<sup>[1]</sup>

Kd: 170 nM (Mat2A)<sup>[1]</sup>

**In Vitro:** PF-9366 is a Mat2A inhibitor, with an IC<sub>50</sub> of 420 nM and a K<sub>d</sub> of 170 nM. PF-9366 displays no substantial off-target activity in GPCRs, neurotransmitters, 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<sub>50</sub> of 1.2 μM in H520 lung carcinoma cells. PF-9366 is more potent in Huh-7 cells against SAM synthesis, with an IC<sub>50</sub> of 255 nM, and also suppresses the proliferation of cells with an IC<sub>50</sub> of 10 μM.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!