

PF-9366, Methionine adenosyltransferase 2A inhibitor

Catalog	Unit
TBI4635-5MG	5 mg
TBI4635-25MG	25 mg

Product Details

Formal Name: 2-(7-Chloro-5-phenyl)-[1,2,4]triazolo[4,3-a]quinoline-1-yl)-N,N-dimethylethanamine

Molecular Formula: C₂₀H₁₉ClN₄

Formula Weight: 350.85

CAS Number: 72882-78-1

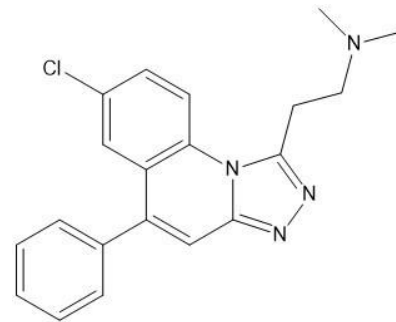
Purity: >98%

Formulation: powder

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

Storage: -20°C

Stability: ≥ 1 year.



Applications

Methionine adenosyltransferase 2A inhibitor

Functions

PF-9366 is an allosteric inhibitor (IC₅₀ = 420 nM) of methionine adenosyltransferase 2A (Mat2A), the primary enzyme responsible for extrahepatic synthesis of S-adenosyl-L-methionine (SAM). It inhibited cellular SAM production in H520 lung and Huh-7 liver cancer cells with IC₅₀'s of 1.2 μM and 225 nM respectively.

Application Procedures

First dissolved in DMSO (up to 20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 3 months.

For research use only.