EMT inhibitor-2

Cat. No.: HY-128859

CAS No.: 2232228-60-1

Molecular Formula: $C_{24}H_{26}N_2O_8$

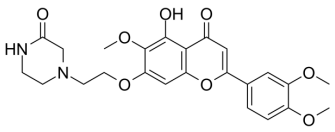
Molecular Weight: 470.47

Target: Cytochrome P450

Pathway: Metabolic Enzyme/Protease

Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 83.33 mg/mL (177.12 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions

Solvent / Mass / Concentration	1 mg	5 mg	10 mg
1 mM	2.1255 mL	10.6277 mL	21.2553 mL
5 mM	0.4251 mL	2.1255 mL	4.2511 mL
10 mM	0.2126 mL	1.0628 mL	2.1255 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

EMT inhibitor-2 (Compound 1) inhibits epithelial-mesenchymal transition (EMT) induced by substances such as IL-1β and TGF-β released from the immunocytes. EMT inhibitor-2 inhibits CYP3A4 testosteron and CYP2C9 with IC_{50}s of 49.72 and 5.54 μM, respectively[1].

REFERENCES

[1]. Youn, Byung Soo, et al. Substituted chromenes for treatment of fibrosis or non-alcoholic steatohepatitis. US10370364.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA