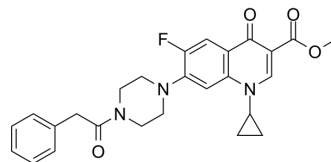


Antiangiogenic agent 2

Cat. No.:	HY-147969
CAS No.:	2422149-84-4
Molecular Formula:	C ₂₆ H ₂₆ FN ₃ O ₄
Molecular Weight:	463.5
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antiangiogenic agent 2 (compound 3b) is a potent thymidine phosphorylase inhibitor, with an IC ₅₀ of 39.71 μM. Antiangiogenic agent 2 shows anti-angiogenic activity ^[1] .
IC ₅₀ & Target	IC ₅₀ : 39.71 ± 1.13 μM (thymidine phosphorylase) ^[1]

REFERENCES

[1]. Shahzad SA, et al. Synthesis, evaluation of thymidine phosphorylase and angiogenic inhibitory potential of ciprofloxacin analogues: Repositioning of ciprofloxacin from antibiotic to future anticancer drugs. *Bioorg Chem.* 2020 Jul;100:103876.

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