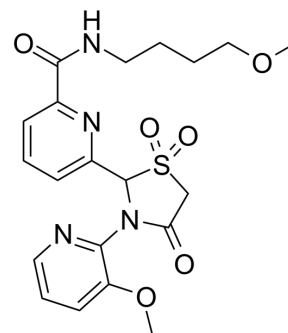


Antitumor agent-129

Cat. No.:	HY-162121
Molecular Formula:	C ₂₀ H ₂₄ N ₄ O ₆ S
Molecular Weight:	448.49
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antitumor agent-129 (Compound 68) is a thiazolidin-4-one sulfone derivative and an Osteosarcoma (OS) inhibitor with an IC₅₀ value of 0.217 μM, a half-life of 73.8 min (mouse liver microsome) and an excellent pharmacokinetic profile (in vivo bioavailability F = 115%, intraperitoneal administration). Antitumor agent-129 is a potential candidate for OS research^[1].

REFERENCES

[1]. Xuwen Chen, et al. Discovery of potent thiazolidin-4-one sulfone derivatives for inhibition of proliferation of osteosarcoma in vitro and in vivo, European Journal of Medicinal Chemistry, 2024, 116082, ISSN 0223-5234.

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