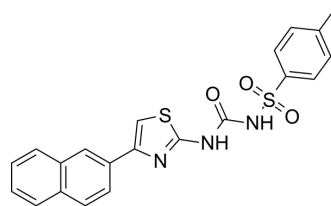


Anticancer agent 36

Cat. No.:	HY-115961
CAS No.:	2902563-76-0
Molecular Formula:	C ₂₁ H ₁₇ N ₃ O ₃ S ₂
Molecular Weight:	423.51
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Anticancer agent 36 (compound 11), a sulfonyleurea derivative, is a potent antimicrobial and anticancer agent. Anticancer agent 36 inhibits the microbial growth of *B. mycoides*, *E. coli*, and *C. albicans* with a MIC between 0.156 and 0.039 mg/L. Anticancer agent 36 inhibits A549, PC3 cell growth with IC₅₀s of 19.7 µg/mL, 11.9 µg/mL, respectively^[1].

REFERENCES

[1]. Farid M. Sroor, et al. Anticancer and antimicrobial activities of new thiazolyl-urea derivatives: gene expression, DNA damage, DNA fragmentation and SAR studies. *Medicinal Chemistry Research* volume 31, pages400–415 (2022).

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

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