Anticancer agent 92

Cat. No.: HY-151888

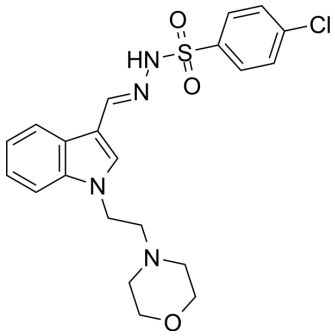
Molecular Formula: $C_{21}H_{23}ClN_4O_3S$

Molecular Weight: 446.95

Target: Others

Pathway: Others

Storage: Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Anticancer agent 92 (Compound 5f) is an anticancer agent that is nontoxic against noncancerous cells[1].

In Vitro

Anticancer agent 92 (Compound 5f) (0.01-100 μM; 48 h) is selectively toxic toward cancerous cells[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Cell Proliferation Assay[1]

Cell Line:	MCF-7, MDA-MB-468 and HEK-293
Concentration:	0.01, 0.1, 1, 10 and 100 μM
Incubation Time:	48 h
Result:	Inhibited the viability of MDA-MB-468 and MCF-7 cells with IC_{50}s of 8.2 μM and 13.2 μM, respectively. Was nontoxic against HEK-293 noncancerous cells.

REFERENCES

[1]. Aysha Gaur, et al. Synthesis and Anticancer Evaluation of Novel Indole Based Arylsulfonylhydrazides against Human Breast Cancer Cells.

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