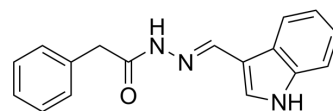


Antiproliferative agent-16

Cat. No.:	HY-148453		
CAS No.:	15641-17-5		
Molecular Formula:	C ₁₇ H ₁₅ N ₃ O		
Molecular Weight:	277.32		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Antiproliferative agent-16 is an indolyl hydrazone-hydrazone compound with anticancer activity. Antiproliferative agent-16 exhibits specificity toward breast cancer cells (IC ₅₀ of 6.94 μM for MCF-7 cells) ^[1] .
In Vitro	Antiproliferative agent-16 (compound 18f) shows cytotoxicity against DU145, LnCaP, MDA-MB231, MCF7, and PaCa2 cancer cells, with IC ₅₀ values of 115.1 μM, 51.63 μM, 300.8 μM, 6.94 μM, and 91.18 μM, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Swapna Sundaree, et al. Synthesis and anticancer activity study of indolyl hydrazone-hydrazones. Med Chem Res 25, 941-950 (2016).

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