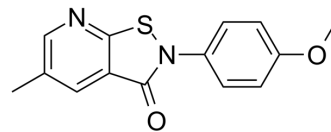


NSC 698600

Cat. No.:	HY-147289
CAS No.:	908069-17-0
Molecular Formula:	C ₁₄ H ₁₂ N ₂ O ₂ S
Molecular Weight:	272.32
Target:	Histone Acetyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	NSC 698600 is a potent PCAF inhibitor, with IC ₅₀ of 6.51 μM (PCAF/H3 ₁₋₂₁). NSC 698600 exhibits good activity of inhibiting the proliferation of cancer cells ^[1] .	
IC₅₀ & Target	IC ₅₀ : 6.51 μM (PCAF/H3 ₁₋₂₁) ^[1] .	
In Vitro	NSC 698600 (25 μM; 72 h) exhibits antiproliferative effect to SK-N-SH and HCT116 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. Cell Proliferation Assay ^[1]	
	Cell Line:	SK-N-SH, HCT116 cells
	Concentration:	25 μM
	Incubation Time:	72 h
	Result:	Showed antiproliferative effect to SK-N-SH and HCT116 cells with GI ₅₀ of 12.2 μM and growth inhibition of 40%, respectively.

REFERENCES

[1]. Furdas SD, et al. Synthesis and biological testing of novel pyridothiazolones as histone acetyltransferase inhibitors. *Bioorg Med Chem*. 2011 Jun 15;19(12):3678-89.

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