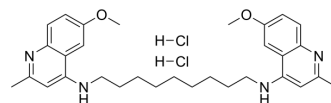


NSC10010 hydrochloride

Cat. No.:	HY-130369
CAS No.:	6286-09-5
Molecular Formula:	C ₃₁ H ₄₂ Cl ₂ N ₄ O ₂
Molecular Weight:	573.6
Target:	Bacterial; Necroptosis; HSV
Pathway:	Anti-infection; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

NSC10010 hydrochloride inhibits gammaherpesvirus associated B-lymphomas growth through activation of NF-κB and c-Myc-mediated signaling pathways. NSC10010 hydrochloride induces necrotic cell death in gammaherpesvirus infected B-cells. NSC10010 hydrochloride is also an inhibitor of Mtb ClpC1 ATPase^{[1][2]}.

REFERENCES

- [1]. Dzeng RK, et al. Small molecule growth inhibitors of human oncogenic gammaherpesvirus infected B-cells. *Mol Oncol.* 2015 Feb;9(2):365-76.
- [2]. Amritansh Bhanot, et al. Discovery of small molecule inhibitors of Mycobacterium tuberculosis ClpC1: SAR studies and antimycobacterial evaluation. *Results in Chemistry.* Volume 5, January 2023, 100904.

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