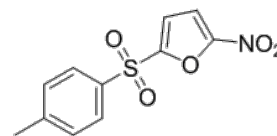


Product Name : NSC697923
Cat. No. : PC-35686
CAS No. : 343351-67-7
Molecular Formula : C₁₁H₉NO₅S
Molecular Weight : 267.255
Target : Ubiquitin-conjugating Enzyme (E2)
Solubility : 10 mM in DMSO



Biological Activity

NSC697923 (NSC 697923) is a small molecule that specifically inhibits the activity of the ubiquitin-conjugating (E2) enzyme **Ubc13** (UBE2N)-Uev1A.

NSC697923 impedes the formation of the Ubc13 and ubiquitin thioester conjugate and suppresses constitutive NF-κB activity in ABC-DLBCL cells, inhibits NF-κB activation induced by PMA, but not by TNFα.

NSC697923 specifically inhibits Ubc13-mediated polyubiquitin chain synthesis in vitro, does not inhibit UbcH5c-mediated polyubiquitin chain formation.

NSC697923 inhibits the proliferation and survival of ABC-DLBCL cells and GCB-DLBCL cells.

References

Pulvino M, et al. *Blood*. 2012 Aug 23;120(8):1668-77.

Cheng J, et al. *Cell Death Dis*. 2014 Feb 20;5:e1079.

Ritorto MS, et al. *Nat Commun*. 2014 Aug 27;5:4763.

Hodge CD, et al. *ACS Chem Biol*. 2015 Jul 17;10(7):1718-28.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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