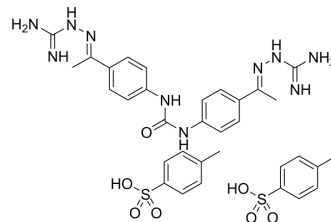


## NSC 109555 ditosylate

Cat. No.:	HY-103366
CAS No.:	66748-43-4
Molecular Formula:	C <sub>33</sub> H <sub>40</sub> N <sub>10</sub> O <sub>7</sub> S <sub>2</sub>
Molecular Weight:	752.86
Target:	Checkpoint Kinase (Chk)
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

NSC 109555 ditosylate is a potent, selective, ATP-competitive checkpoint kinase 2 (Chk2) inhibitor with an IC<sub>50</sub> of 240 nM. NSC 109555 ditosylate can be used for the research of cancer<sup>[1]</sup>.

### REFERENCES

[1]. Lountos GT, et al. Crystal structure of checkpoint kinase 2 in complex with NSC 109555, a potent and selective inhibitor. *Protein Sci.* 2009 Jan;18(1):92-100.

**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](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA