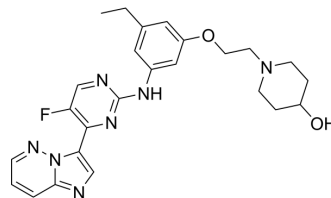


## AZ-TAK1

Cat. No.:	HY-153320
CAS No.:	1413440-36-4
Molecular Formula:	C <sub>25</sub> H <sub>28</sub> FN <sub>7</sub> O <sub>2</sub>
Molecular Weight:	477.53
Target:	MAP3K
Pathway:	MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	AZ-TAK1, an ATP-competitive small molecule inhibitor of TAK1, dephosphorylates TAK1, p38, and IκB-α in lymphoma cell lines <sup>[1]</sup> .
In Vitro	AZ-TAK1 (0.1μM) induces apoptosis in 28%, 24%, and 74% of Mino, SP53, and Jeko cells, respectively <sup>[1]</sup> . AZ-TAK1 increases mitochondrial depolarization, indicated by a decrease in the red/green fluorescence intensity ratio <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

## REFERENCES

[1]. Daniela Buglio, et al. Essential role of TAK1 in regulating mantle cell lymphoma survival. Blood. 2012 Jul 12;120(2):347-55.

**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