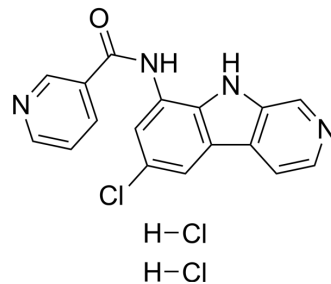


PS-1145 dihydrochloride

Cat. No.:	HY-107593
CAS No.:	1049743-58-9
Molecular Formula:	C ₁₇ H ₁₃ Cl ₃ N ₄ O
Molecular Weight:	395.67
Target:	IKK
Pathway:	NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PS-1145 (dihydrochloride) is a potent IκB kinase-2 inhibitor with an IC ₅₀ value of 88 nM. PS-1145 (dihydrochloride) inhibits activity of NF-κB by blocking IκB kinase phosphorylation in tumor-bearing rats ^[1] .
IC ₅₀ & Target	IC ₅₀ : 88 nM (IκB kinase-2) ^[1]

CUSTOMER VALIDATION

- Sci Transl Med. 2018 Jul 18;10(450):eaaq1093.
- Exp Cell Res. 2021 Feb 15;399(2):112468.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Cernackova A, et al. Cachexia induced by Yoshida ascites hepatoma in Wistar rats is not associated with inflammatory response in the spleen or brain. J Neuroimmunol. 2019;337:577068.

Caution: Product has not been fully validated for medical applications. For research use only.

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