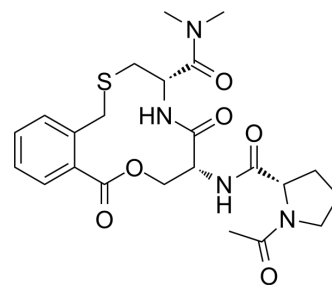


Keap1-Nrf2-IN-5

Cat. No.:	HY-143892
CAS No.:	2696272-70-3
Molecular Formula:	C ₂₃ H ₃₀ N ₄ O ₆ S
Molecular Weight:	490.57
Target:	Keap1-Nrf2
Pathway:	NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Keap1-Nrf2-IN-5 (compound 1) is a potent Keap1-Nrf2 PPI (Keap1-Nrf2 protein-protein interaction) inhibitor with an IC ₅₀ of 4.1 μM, K _d of 3.7 μM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 4.1 μM (Keap1-Nrf2); K _d : 3.7 μM ^[1]

REFERENCES

[1]. Begnini F, et al. Importance of Binding Site Hydration and Flexibility Revealed When Optimizing a Macrocyclic Inhibitor of the Keap1-Nrf2 Protein-Protein Interaction. *J Med Chem.* 2022 Feb 24;65(4):3473-3517.

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