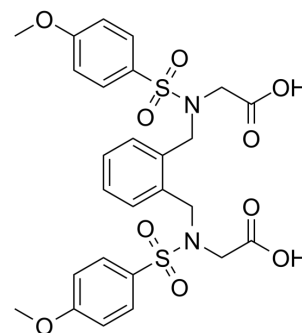


Keap1-Nrf2-IN-12

Cat. No.:	HY-150578
CAS No.:	2250082-04-1
Molecular Formula:	C ₂₆ H ₂₈ N ₂ O ₁₀ S ₂
Molecular Weight:	592.64
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-12 is a potent Keap1-Nrf2 inhibitor with an IC ₅₀ value of 2.30 μM. Keap1-Nrf2-IN-12 shows metabolic stability in human liver microsomes ^[1] .
IC₅₀ & Target	IC ₅₀ : 2.30 μM (Keap1-Nrf2) ^[1] .
In Vitro	Keap1-Nrf2-IN-12 (compound 9a) shows metabolic stability in human liver microsomes with slight changes (97.7% remained) after 90 min of incubation ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Abed DA, et al. Discovery of disubstituted xylylene derivatives as small molecule direct inhibitors of Keap1-Nrf2 protein-protein interaction. *Bioorg Med Chem*. 2020 Mar 15;28(6):115343.

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