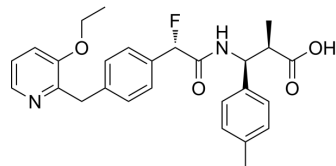


Keap1-Nrf2-IN-18

Cat. No.:	HY-157928
Molecular Formula:	C ₂₇ H ₂₉ FN ₂ O ₄
Molecular Weight:	464.53
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-18 (Compound 22) is an orally active Keap1-Nrf2 protein-protein interaction (PPI) inhibitor with good pharmacokinetics (PK) profiles and more potent in vivo activities in rats. Keap1-Nrf2-IN-18 has the strongest inhibitory activity in structure-activity relationship (SAR) study ($K_D = 0.0029 \mu\text{M}$)^[1].

REFERENCES

[1]. Otake K, et al. Optimization Efforts for Identification of Novel Highly Potent Keap1-Nrf2 Protein-Protein Interaction Inhibitors. J Med Chem. 2024 Feb 26.

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

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