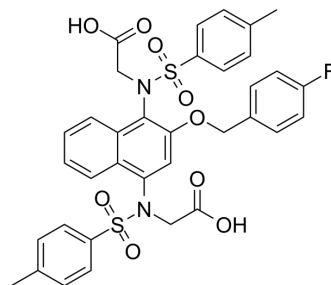


Keap1-Nrf2-IN-8

Cat. No.:	HY-146578
CAS No.:	2769963-54-2
Molecular Formula:	C ₃₅ H ₃₁ FN ₂ O ₉ S ₂
Molecular Weight:	706.76
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-8 (compound 12d) is a potent Keap1-Nrf2 PPI (Keap1-Nrf2 protein-protein interaction) inhibitor with IC₅₀s of 64.5 nM and 14.2 nM for FP and TR-FRET assays, respectively. Keap1-Nrf2-IN-8 significantly increases the mRNA levels of Nrf2 downstream genes, GSTM3, HMOX2 and NQO1^[1].

REFERENCES

[1]. Lee S, et al. Structure-activity relationships of 1,4-bis(arylsulfonamido)-benzene or naphthalene-N,N'-diacetic acids with varying C2-substituents as inhibitors of Keap1-Nrf2 protein-protein interaction. *Eur J Med Chem.* 2022 Jul 5;237:114380.

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

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