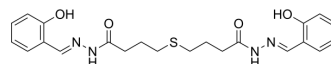


Nrf2-IN-3

Cat. No.:	HY-149508
CAS No.:	6325-13-9
Molecular Formula:	C ₂₂ H ₂₆ N ₄ O ₄ S
Molecular Weight:	442.53
Target:	Keap1-Nrf2
Pathway:	NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Nrf2-IN-3 (Compound R16) is a Nrf2 inhibitor. Nrf2-IN-3 binds KEAP1 mutants (G333C mKEAP1) and repairs the disrupted KEAP1/NRF2 interactions. Nrf2-IN-3 sensitizes KEAP1-mutated cancer cells to Cisplatin (HY-17394) and Gefitinib (HY-50895) by repairing the mKEAP1/NRF2 complex^[1].

REFERENCES

[1]. Aboukassim T, et al. A NRF2 inhibitor selectively sensitizes KEAP1 mutant tumor cells to cisplatin and gefitinib by restoring NRF2-inhibitory function of KEAP1 mutants. Cell Rep. 2023 Sep 12;42(9):113104.

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