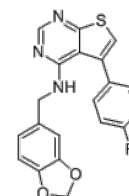


Product Name : AEM1
Cat. No. : PC-62392
CAS No. : 1030123-90-0
Molecular Formula : C₂₀H₁₄FN₃O₂S
Molecular Weight : 379.409
Target : Keap1-Nrf2
Solubility : 10 mM in DMSO



Biological Activity

NRF2 inhibitor AEM1 is a specific small molecule inhibitor of **Nrf2** transcriptional activity in cancer cells, shows no activity against a panel of >100 kinases (including isoforms of PI3K, AKT, and PKC).

AEM1 broadly decreases the expression of Nrf2 controlled genes (HMOX1, GPX2).

AEM1 sensitizes A549 cells to various chemotherapeutic agents, and inhibits the growth of A549 cells in vitro and in vivo.

References

Bollong MJ, et al. *ACS Chem Biol.* 2015 Oct 16;10(10):2193-8.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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