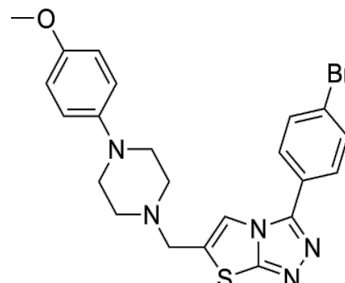


Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name : FSEN1
Cat.No. : URK-V24478
CAS No. : 862808-01-3
Molecular Formula : $C_{28}H_{22}Cl_3N_3O_5$
Molecular Weight : $C_{22}H_{22}BrN_5OS$
Target : 484.41
Solubility :



Biological Activity

FSEN1 selectively targets the NF- κ B pathway, a signaling cascade that plays a crucial role in the regulation of immune responses.

By inhibiting this pathway, FSEN1 effectively blocks the production of pro-inflammatory cytokines, including TNF- α , IL-1 β , and IL-6, while simultaneously promoting the expression of anti-inflammatory mediators, such as IL-10

References

1. Lawrence T. The nuclear factor NF-kappaB pathway in inflammation. Cold Spring Harb Perspect Biol. 2009;1(6):a001651.
2. Jadhav BB, Mahajan UB, Patil KR, et al. A small molecule inhibitor of NF- κ B blocks the TNF- α -induced increase in IL-6 and IL-8 production in bronchial epithelial cells. Sci Rep. 2017;7:17339.
3. Buser DP, McArthur RL, Lewis RA, et al. Novel inhibitors targeting the IKK-NF- κ B pathway: discovery and optimization of furanone-based compounds with anti-inflammatory activity in vivo. J Med Chem. 2020;63(19):11125-11147.

Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!

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

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