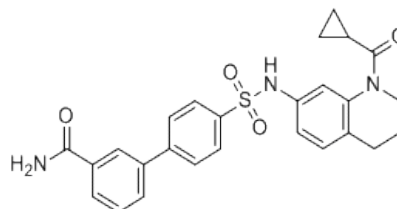


Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name :SU0268
Cat.No. :URK-V602
CAS No. :2210228-45-6
Molecular Formula :C₂₈H₂₂Cl₃N₃O₅
Molecular Weight :475.563
Target :
Solubility :



Biological Activity

SU0268 (SU 0268) is a potent, selective, noncovalent inhibitor DNA repair enzyme 8-oxoguanine DNA glycosylase (OGG1) with IC₅₀ of 59 nM.

SU0268 displays low or negligible inhibition against other repair enzymes MTH1, dUTPase, NUDT16, hABH2, hABH3, SMUG1 at 20 μM.

SU0268 shows good membrane permeability and no cytotoxicity in HEK293T and HeLa cells at active concentrations and demonstrates activity in inhibiting the enzyme in human cell lines.

SU0268 is a potentially useful tool in studies of the role of OGG1 in multiple disease-related pathways.

References

1. Yu-Ki Tahara, et al. J Am Chem Soc. 2018 Feb 14;140(6):2105-2114.
2. Qin S, et al. J Immunol. 2020 Oct 15;205(8):2231-2242.
3. Zhang L, et al. Redox Biol. 2021 Apr;40:101848.

Note: All products of Ureiko are only used for scientific research or drug certificate declaration, and 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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