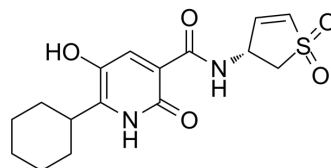


GSK_WRN3

Cat. No.:	HY-162471
CAS No.:	2923009-50-9
Molecular Formula:	C ₁₆ H ₂₀ N ₂ O ₅ S
Molecular Weight:	352.41
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

GSK_WRN3 is a selective inhibitor of WRN protease ($IC_{50} = 8.6 \mu M$). GSK_WRN3 displays a high degree of selectivity by forming a covalent binding to the Cys727 residue of the WRN protein. GSK_WRN3 reduces growth support for MSI tumor cells by inhibiting WRN protease activity, resulting in increased DNA double-strand breaks and cell growth inhibition^[1].

REFERENCES

[1]. Picco G, et al. Novel WRN Helicase Inhibitors Selectively Target Microsatellite Unstable Cancer Cells. *Cancer Discov.* 2024 Apr 9.

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

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