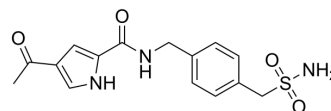


S07-2001

Cat. No.:	HY-150650
CAS No.:	1197904-57-6
Molecular Formula:	C ₁₅ H ₁₇ N ₃ O ₄ S
Molecular Weight:	335.38
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	S07-2001 is a potent and selective aldo-keto reductase 1C3 (AKR1C3) inhibitor with an IC ₅₀ value of 2.08 μM. S07-2001 enhances the activity of Doxorubicin against cancer cells. S07-2001 has potential as a chemotherapeutic potentiator for cancer agent resistance ^[1] .
IC ₅₀ & Target	AKR1C3 ^[1]
In Vitro	S07-2001 (50 μM) reduces 27% of MCF-7 cell viability administrated with Doxorubicin ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Siyu He, et al. Discovery of Novel Aldo-Keto Reductase 1C3 Inhibitors as Chemotherapeutic Potentiators for Cancer Drug Resistance. ACS Med. Chem. Lett. Jun 2022.

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

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