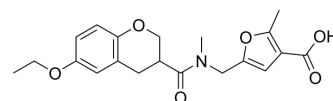


S07-2005 (racemic)

Cat. No.:	HY-150649
CAS No.:	1826337-40-9
Molecular Formula:	C ₂₀ H ₂₃ NO ₆
Molecular Weight:	373.4
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	S07-2005 racemic is a potent and selective aldo-keto reductase 1C3 (AKR1C3) inhibitor with an IC ₅₀ value of 0.13 μM and 0.75 μM for AKR1C3 and AKR1C4, respectively. S07-2005 racemic has potential as a chemotherapeutic potentiator for cancer agent resistance ^[1] .
IC ₅₀ & Target	IC ₅₀ : 2.88 ± 1.10 μM (AKR1C1), 0.13 ± 0.03 μM (AKR1C3), 0.75 ± 0.32 μM (AKR1C4) ^[1]

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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