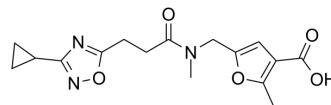


## S07-2009

Cat. No.:	HY-150646
CAS No.:	1580241-55-9
Molecular Formula:	C <sub>16</sub> H <sub>19</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	333.34
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	S07-2009 is a potent and selective aldo-keto reductase 1C3 (AKR1C3) inhibitor with an IC <sub>50</sub> value of 0.20 μM <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.20 ± 0.12 μM (AKR1C3), 11.18 ± 4.39 μM (AKR1C1), 5.71 ± 2.78 μM (AKR1C2) <sup>[1]</sup>

### 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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