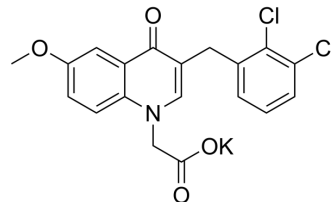


WJ-39

Cat. No.:	HY-162325
CAS No.:	3009908-95-3
Molecular Formula:	C ₁₉ H ₁₄ Cl ₂ KNO ₄
Molecular Weight:	430.32
Target:	Aldose Reductase; Mitochondrial Metabolism; Apoptosis; Mitophagy
Pathway:	Metabolic Enzyme/Protease; Apoptosis; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

WJ-39 is an orally active aldose reductase (AR) inhibitor. WJ-39 improves tubular damage in diabetic nephropathy rats by activating PINK1/Parkin signaling, promoting mitophagy, and attenuating apoptosis^[1].

REFERENCES

[1]. Yang L, et al. An aldose reductase inhibitor, WJ-39, ameliorates renal tubular injury in diabetic nephropathy by activating PINK1/Parkin signaling. *Eur J Pharmacol.* 2024 Mar 15;967:176376.

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

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