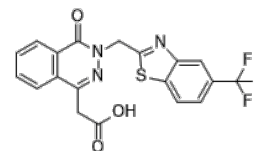


Product Name : Zopolrestat
Cat. No. : PC-25938
CAS No. : 110703-94-1
Molecular Formula : C₁₉H₁₂F₃N₃O₃S
Molecular Weight : 419.38
Target : Aldose Reductase
Solubility : 10 mM in DMSO



Biological Activity

Zopolrestat (CP73850) is Zopolrestat (CP73850) is a potent, orally active aldose reductase (AR) inhibitor with IC₅₀ of 3.1 nM (human placenta AR).

Zopolrestat has ED₅₀s of 1.9, 17.6, and 18.4 mg/kg in reversing already elevated sorbitol accumulation in rat sciatic nerve, retina, and lens in a chronic test.

References

Mylari BL, et al. J Med Chem. 1991 Jan;34(1):108-22.

Inskeep PB, et al. Pharm Res. 1991 Dec;8(12):1511-5.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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