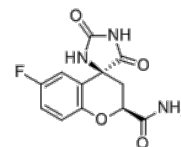


Product Name : Fidarestat
Cat. No. : PC-61992
CAS No. : 136087-85-9
Molecular Formula : C₁₂H₁₀FN₃O₄
Molecular Weight : 279.227
Target : Aldose Reductase
Solubility : 10 mM in DMSO



Biological Activity

Fidarestat (SNK860) is a potent, selective **aldose reductase** inhibitor with IC₅₀ of 26 nM.

Fidarestat (SNK860) shows little to no inhibition against AKR1B10 and V301L AKR1B10.

Fidarestat (SNK860) improves motor nerve conduction velocity (MNCV) and metabolic abnormalities in sciatic nerve were investigated in acute STZ-induced diabetic rats.

References

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Hotta N, et al. Exp Physiol. 1995 Nov;80(6):981-9.

Kawamura T, et al. Diabet Med. 1995 May;12(5):392-6.

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

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