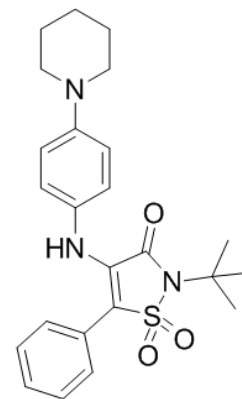


Product Name : AZ-876
Cat. No. : PC-45444
CAS No. : 898800-26-5
Molecular Formula : C₂₄H₂₉N₃O₃S
Molecular Weight : 439.5704
Target : Liver X Receptor (LXR)
Solubility : DMSO: ≥ 2.6 mg/mL



Biological Activity

AZ-876 (AZ876) is a potent, highly selective **LXR agonist** with K_i/EC_{50} of 7/6 nM and 11/73 nM for hLXR α and hLXR β respectively.

AZ-876 is a more potent binder and activator of LXR α and LXR β than GW3965.

AZ-876 is highly selective against FXR, RXR, TR α , TR β etc.

AZ-876 reduces lesion area, and strongly decreases lesion area, lesion number and severity in vivo.

AZ-876 protects against pathological cardiac hypertrophy and fibrosis without lipogenic side effects in mice.

References

van der Hoorn J, et al. *Br J Pharmacol.* 2011 Apr;162(7):1553-63.

Cannon MV, et al. *Eur J Heart Fail.* 2015 Mar;17(3):273-82.

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

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