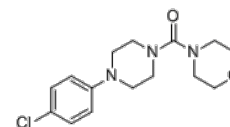


**Product Name** : TH-3021  
**Cat. No.** : PC-72285  
**CAS No.** : 700856-05-9  
**Molecular Formula** : C<sub>15</sub>H<sub>20</sub>ClN<sub>3</sub>O<sub>2</sub>  
**Molecular Weight** : 309.794  
**Target** : Aldose Reductase  
**Solubility** : 10 mM in DMSO



### Biological Activity

TH-3021 (SN336384) is a potent and specific inhibitor of **Aldo-keto reductase 1C3 (AKR1C3)** with IC<sub>50</sub> of 110 nM in isolated enzyme assays and 18 nM in cellular assays, displays no inhibitory action against AKR1C1/1C2/1C4 (IC<sub>50</sub>>30 μM).

### References

Jack U Flanagan, et al. *Bioorg Med Chem.* 2014 Feb 1;22(3):967-77.

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

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