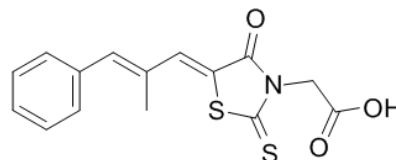


**Product Name** : Epalrestat  
**Cat. No.** : PC-45922  
**CAS No.** : 82159-09-9  
**Molecular Formula** : C<sub>15</sub>H<sub>13</sub>NO<sub>3</sub>S<sub>2</sub>  
**Molecular Weight** : 319.3986  
**Target** : Aldose Reductase  
**Solubility** : DMSO: ≥ 3.1 mg/mL



### Biological Activity

Epalrestat (ONO-2235) is a noncompetitive and reversible **aldose reductase** inhibitor with IC<sub>50</sub> of 10 nM and 26 nM for purified aldose reductase from rat lens and human placenta, respectively. Epalrestat (ONO-2235) is used for the treatment of diabetic neuropathy.

### References

- Yasuda H, et al. Diabetes. 1989 Jul;38(7):832-8.  
Terashima H, et al. J Pharmacol Exp Ther. 1984 Apr;229(1):226-30.  
Hotta N, et al. Diabet Med. 2012 Dec;29(12):1529-33.

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

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