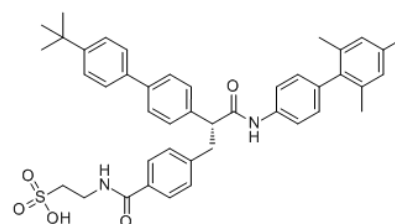


**Product Name** : LGD-6972  
**Cat. No.** : PC-43093  
**CAS No.** : 1207989-09-0  
**Molecular Formula** : C<sub>43</sub>H<sub>46</sub>N<sub>2</sub>O<sub>5</sub>S  
**Molecular Weight** : 702.9008  
**Target** : Glucagon Receptor  
**Solubility** : DMSO: ≥ 31 mg/mL



## Biological Activity

LGD-6972 (RVT 1502) is a novel potent, selective, orally bioavailable **glucagon receptor (GCGR)** antagonist; binds competitively to GCGR with high affinity and selectivity, suppressing both cAMP and glucose production in vitro. LGD-6972 reduces acute glucagon-stimulated hyperglycaemia as well as the hyperglycaemia observed in diabetic mouse models in vivo.

## References

- Vajda EG, et al. Diabetes Obes Metab. 2017 Jan;19(1):24-32.  
Vajda EG, et al. Diabetes. 2012;61(suppl 1):A252. Abstract.

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

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