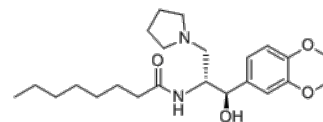


**Product Name** : Eliglustat  
**Cat. No.** : PC-49448  
**CAS No.** : 491833-29-5  
**Molecular Formula** : C<sub>23</sub>H<sub>36</sub>N<sub>2</sub>O<sub>4</sub>  
**Molecular Weight** : 404.551  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

Eliglustat (GENZ 112638) is a ceramide analog and an orally bioavailable inhibitor of glucosylceramide synthase (GCS, ceramide glucosyltransferase) with IC<sub>50</sub> of 20 nM in free-cell assays.

Eliglustat (GENZ 112638) decrease the production of glycosphingolipids (GSLs) including glucosylceramide, also known as glucocerebroside.

Eliglustat (GENZ 112638) decreases the production of glucosylceramide and other GSLs, which have important roles in various diseases and cellular processes, including immune processes and functions.

## References

Jianxun Du, et al. Bioorg Med Chem Lett. 2020 Aug 15;30(16):127209.

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

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