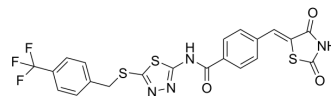


α-Glucosidase-IN-49

| | |
|--------------------|---|
| Cat. No.: | HY-161281 |
| Molecular Formula: | C ₂₁ H ₁₃ F ₃ N ₄ O ₃ S ₃ |
| Molecular Weight: | 522.54 |
| Target: | Glucosidase |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

α-Glucosidase-IN-49 (compound C23) is a potent inhibitor of α-Glucosidase, with IC₅₀ of 0.52 μM. α-Glucosidase-IN-49 has oral bioactivity that can reduce blood glucose and improve glucose tolerance in mice^[1].

REFERENCES

[1]. Mengyue Li, et al. Thiazolidine-2,4-dione derivatives as potential α-glucosidase inhibitors: Synthesis, inhibitory activity, binding interaction and hypoglycemic activity. Bioorg Chem. 2024 Mar;144:107177.

Caution: Product has not been fully validated for medical applications. For research use only.

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