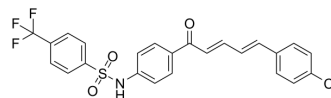


## α-Glucosidase-IN-6

Cat. No.:	HY-147823
CAS No.:	2497685-29-5
Molecular Formula:	C <sub>24</sub> H <sub>17</sub> ClF <sub>3</sub> NO <sub>3</sub> S
Molecular Weight:	491.91
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-6 (compound 18) is a competitive α-glucosidase inhibitor with an IC<sub>50</sub> of 5.69 μM. α-Glucosidase-IN-6 has anti-diabetic potential<sup>[1]</sup>.

### REFERENCES

[1]. Maryam Aisyah Abdullah, et al. Development of diarylpentadienone analogues as alpha-glucosidase inhibitor: Synthesis, in vitro biological and in vivo toxicity evaluations, and molecular docking analysis. *Bioorg Chem.* 2020 Nov;104:104277.

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

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