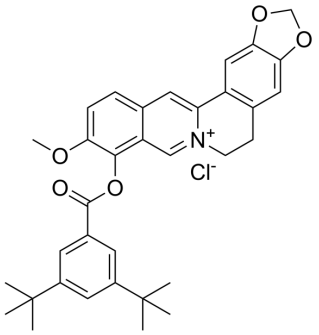
α-Glucosidase-IN-42

Cat. No.:	HY-149676
Molecular Formula:	$C_{34}H_{36}ClNO_5$
Molecular Weight:	574.11
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-42 (Compound 26) is a 9-O-berberrubine carboxylate derivative. α-Glucosidase-IN-42 has potent α-glucosidase inhibitory activities with an IC_{50} value in the range of 1.61 μM. α-Glucosidase-IN-42 can be used for the research of antidiabetic[1].
IC_{50} & Target	IC50: 1.61 μM (α-glucosidase)[1]

REFERENCES

[1]. Nguyen DV, et al. Structure-yeast α-glucosidase inhibitory activity relationship of 9-O-berberrubine carboxylates. Sci Rep. 2023 Nov 1;13(1):18865.

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

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA