

Product Data Sheet

Aldose reductase-IN-2

Cat. No.: HY-115940

CAS No.: 1687735-82-5 Molecular Formula: $C_{25}H_{28}N_4O_5$

Target: Aldose Reductase

Pathway: Metabolic Enzyme/Protease

464.51

Storage: Please store the product under the recommended conditions in the Certificate of

Analysis.

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BIOLOGICAL ACTIVITY

Description

Molecular Weight:

Aldose reductase-IN-2 (Compound 5f) is a potent inhibitor of aldose reductase (AR). Aldose reductase-IN-2 has antioxidation capacity. Aldose reductase-IN-2 is a promising anti-diabetic complications agent^[1].

REFERENCES

[1]. Liu Y, et al. Enhanced antioxidation capacity endowed to a mixed type aldose reductase inhibitor leads to a promising anti-diabetic complications agent [published online ahead of print, 2022 Jan 17]. Bioorg Chem. 2022;120:105624.

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

Inhibitors