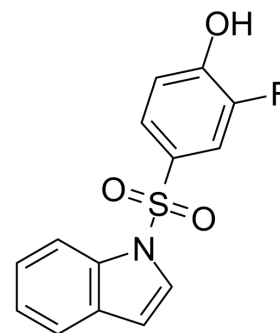


## Aldose reductase-IN-4

Cat. No.:	HY-146661
CAS No.:	2446136-17-8
Molecular Formula:	C <sub>14</sub> H <sub>10</sub> FNO <sub>3</sub> S
Molecular Weight:	291.3
Target:	Aldose Reductase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Aldose reductase-IN-4 (compound IIc) is an aldose reductase inhibitor with IC <sub>50</sub> s of 11.70 μM and 0.98 μM for aldehyde reductase 1 (ALR1) and ALR2, respectively <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 11.70 μM (Aldehyde reductase 1) and 0.98 μM (Aldehyde reductase 2) <sup>[1]</sup>

### REFERENCES

[1]. Konstantinos Koutsopoulos, et al. Design synthesis and evaluation of novel aldose reductase inhibitors: The case of indolyl-sulfonyl-phenols. *Bioorg Med Chem.* 2020 Aug 1;28(15):115575.

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

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