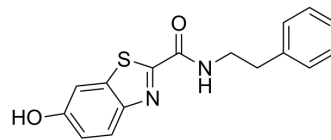


## MAO-B-IN-31

Cat. No.:	HY-161328
Molecular Formula:	C <sub>16</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub> S
Molecular Weight:	298.36
Target:	Monoamine Oxidase; $\alpha$ -synuclein; Tau Protein
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	MAO-B-IN-31 (Compound 30) is an effective and selective inhibitor of monoamine oxidase B (monoamine oxidase B). The IC <sub>50</sub> value is 41 nM. MAO-B-IN-31 also inhibits $\alpha$ -syn and tau aggregation. MAO-B-IN-31 has neuroprotective activity <sup>[1]</sup> .
IC <sub>50</sub> & Target	MAO-B 41 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Al-Saad O M, et al. Novel 6-hydroxybenzothiazol-2-carboxamides as potent and selective monoamine oxidase B inhibitors endowed with neuroprotective activity. European Journal of Medicinal Chemistry, 2024: 116266.

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

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