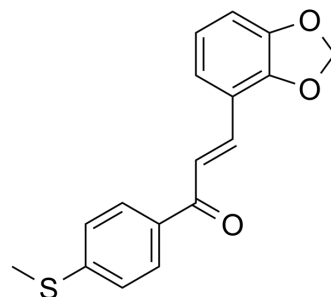


## MAO-B-IN-14

Cat. No.:	HY-147362
CAS No.:	1904610-48-5
Molecular Formula:	C <sub>17</sub> H <sub>14</sub> O <sub>3</sub> S
Molecular Weight:	298.36
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	MAO-B-IN-14 (Compound 9) is a potent and selective monoamine oxidase-B (MAO-B) inhibitor with an IC <sub>50</sub> of 0.95 μM and a K <sub>i</sub> of 0.55 μM against human MAO-B.	
IC <sub>50</sub> & Target	hMAO-B 0.95 μM (IC <sub>50</sub> )	hMAO-B 0.55 μM (K <sub>i</sub> )

## REFERENCES

[1]. Hammuda A, et al. Design and synthesis of novel chalcones as potent selective monoamine oxidase-B inhibitors. Eur J Med Chem. 2016 May 23;114:162-9.

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

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