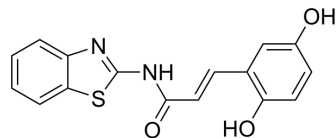


## $\alpha$ -Synuclein inhibitor 13

Cat. No.:	HY-163519
Molecular Formula:	C <sub>16</sub> H <sub>12</sub> N <sub>2</sub> O <sub>3</sub> S
Molecular Weight:	312.34
Target:	$\alpha$ -synuclein
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

$\alpha$ -Synuclein inhibitor 13 is an inhibitor of  $\alpha$ -synuclein ( $\alpha$ -Syn).  $\alpha$ -Synuclein inhibitor 13 inhibits the aggregation of  $\alpha$ -Syn proteins and is able to break down formed fibers. It is mainly used in Parkinson's disease research<sup>[1]</sup>.

### REFERENCES

[1]. Zhao YD, et al. In vitro inhibition of  $\alpha$ -Synuclein aggregation and disaggregation of preformed fibers by polyphenol hybrids with 2-conjugated benzothiazole. Bioorg Med Chem Lett. 2024 Jun 1;105:129752.

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

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