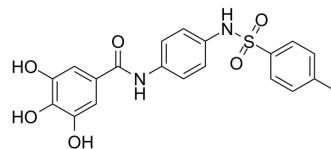


## $\alpha$ -Synuclein inhibitor 5

Cat. No.:	HY-147667
CAS No.:	2489813-11-6
Molecular Formula:	C <sub>20</sub> H <sub>18</sub> N <sub>2</sub> O <sub>6</sub> S
Molecular Weight:	414.43
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	$\alpha$ -Synuclein inhibitor 5 (compound 4aa) is a potent and BBB-penetrated inhibitor of $\alpha$ -Synuclein ( $\alpha$ -Syn) aggregation, with an IC <sub>50</sub> of 1.22 $\mu$ M and inhibition ratio at 30 $\mu$ M of 94.3% <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 1.22 $\pm$ 0.14 $\mu$ M ( $\alpha$ -Synuclein) <sup>[1]</sup>

### REFERENCES

[1]. Chen L, et al. Amide derivatives of Gallic acid: Design, synthesis and evaluation of inhibitory activities against in vitro  $\alpha$ -synuclein aggregation. Bioorg Med Chem. 2020 Aug 1;28(15):115596.

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

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