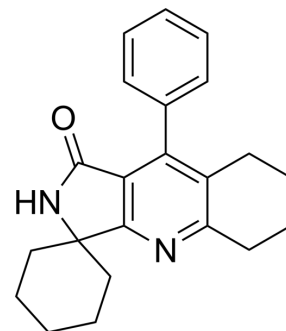


## COX-2-IN-37

Cat. No.:	HY-161147
Molecular Formula:	C <sub>22</sub> H <sub>24</sub> N <sub>2</sub> O
Molecular Weight:	332.44
Target:	COX
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

COX-2-IN-37 (compound 11) is a potent and selective COX-2 inhibitor. COX-2-IN-37 has strong antioxidant activity with an IC<sub>50</sub> of 33.0 µg/mL<sup>[1]</sup>.

## REFERENCES

[1]. Alzahrani AYA, et al. Design, synthesis, pharmacological evaluation, and in silico studies of the activity of novel spiro pyrrolo[3,4-d]pyrimidine derivatives. RSC Advances. 2024, 2:995-1008.

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

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