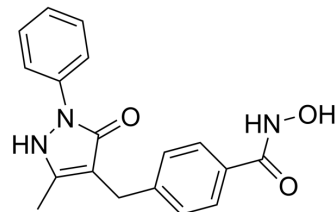


## WYZ90

Cat. No.:	HY-162173
Molecular Formula:	C <sub>18</sub> H <sub>17</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	323.35
Target:	COX
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	WYZ90 ((compound 6a) is a potent and selective COX-2 inhibitor with IC <sub>50</sub> values of 75, 5734, 19940 nM for COX-2, COX-1 and DPPH, respectively. WYZ90 shows antioxidant and analgesic activity <sup>[1]</sup> .	
IC <sub>50</sub> & Target	COX-2 75 nM (IC <sub>50</sub> )	COX-1 5734 nM (IC <sub>50</sub> )

## REFERENCES

[1]. Wang Y, et al. Hybrids of selective COX-2 inhibitors and active derivatives of edaravone as COX-2 selective NSAIDs with free radical scavenging activity: Design, synthesis and biological activities. Eur J Med Chem. Published online January 18, 2024.

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

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