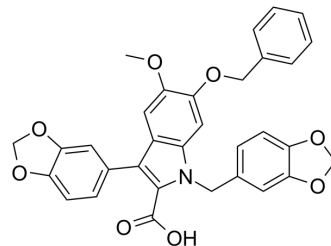


## PD-159020

Cat. No.:	HY-101598
CAS No.:	177904-00-6
Molecular Formula:	C <sub>32</sub> H <sub>25</sub> NO <sub>8</sub>
Molecular Weight:	551.54
Target:	Endothelin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	PD-159020 is a non-selective ETA/ETB antagonist, with IC <sub>50</sub> s of 30 and 50 nM for hETA and hETB, respectively.
IC <sub>50</sub> & Target	IC <sub>50</sub> : 30 nM (hETA), 50 nM (hETB) <sup>[1]</sup>
In Vitro	PD-159020 demonstrates excellent inhibition of arachidonic acid release, AAR-B, with an IC <sub>50</sub> of 0.23 μM. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

## REFERENCES

[1]. Amy Mbunker, et al. 1,3-diaryl-2-carboxyindoles as potent non-peptide endothelin antagonists. Bioorganic & Medicinal Chemistry Letters. Volume 6, Issue 9, 7 May 1996, Pages 1061-1066

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

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