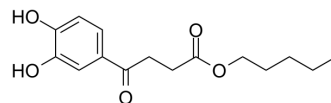


## PDPOB

Cat. No.:	HY-145243
CAS No.:	2351900-45-1
Molecular Formula:	C <sub>15</sub> H <sub>20</sub> O <sub>5</sub>
Molecular Weight:	280.32
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

PDPOB is a phenyl carboxylic acid derivative. PDPOB displays protective roles against OGD/R-evoked multispect neuronal deterioration in SH-SY5Y cells, as evidenced by alleviated mitochondrial dysfunction, oxidative stress, and apoptosis. PDPOB has the potential for the research of cerebral ischemia<sup>[1]</sup>.

## REFERENCES

[1]. Zhao Q, et al. PDPOB Exerts Multiaspect Anti-Ischemic Effects Associated with the Regulation of PI3K/AKT and MAPK Signaling Pathways. ACS Chem Neurosci. 2021;12(23):4416-4427.

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

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