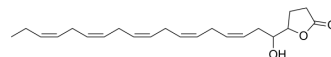


## 4,5-DiHDDPA lactone

Cat. No.:	HY-124019
CAS No.:	845673-68-9
Molecular Formula:	C <sub>22</sub> H <sub>32</sub> O <sub>3</sub>
Molecular Weight:	344.49
Target:	PPAR
Pathway:	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	4,5-DiHDDPA lactone (5), a derivative of docosahexaenoic acid (DHA), is a PPAR $\gamma$ activator <sup>[1]</sup> .
IC <sub>50</sub> & Target	PPAR $\gamma$

### REFERENCES

[1]. Keiko Yamamoto, et al. Identification of putative metabolites of docosahexaenoic acid as potent PPAR $\gamma$  agonists and antidiabetic agents. *Bioorg Med Chem Lett*. 2005 Feb 1;15(3):517-22.

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

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