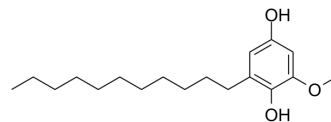


## COX/5-LOX-IN-1

Cat. No.:	HY-146675
CAS No.:	2468802-82-4
Molecular Formula:	C <sub>18</sub> H <sub>30</sub> O <sub>3</sub>
Molecular Weight:	294.43
Target:	COX
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

COX/5-LOX-IN-1 (compound 6b) is a potent and dual inhibitor of COX/5-LOX with IC<sub>50</sub>s of 1.07, 0.55, and 0.28 μM for COX-1, COX-2, and 5-LOX enzyme, respectively. COX/5-LOX-IN-1 has the potential for the research of inflammation diseases<sup>[1]</sup>.

### REFERENCES

[1]. Sisa M, et al. Synthesis, inhibitory activity and in silico docking of dual COX/5-LOX inhibitors with quinone and resorcinol core. Eur J Med Chem. 2020;204:112620.

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

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