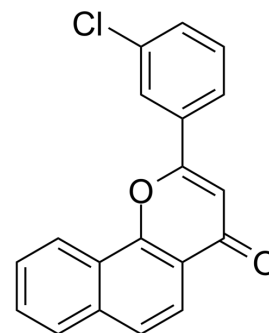


## CYP1B1-IN-1

Cat. No.:	HY-150557
CAS No.:	842122-33-2
Molecular Formula:	C <sub>19</sub> H <sub>11</sub> ClO <sub>2</sub>
Molecular Weight:	306.74
Target:	Cytochrome P450
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	CYP1B1-IN-1 (Compound 9e) is a selective cytochrome P450 1B1 (CYP1B1) inhibitor with an IC <sub>50</sub> of 0.49 nM <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.49 nM (CYP1B1), 5.2 nM (CYP1A1), 73.6 nM (CYP1A2) <sup>[1]</sup>

### REFERENCES

[1]. Dong J, et al. Synthesis and structure-activity relationship studies of  $\alpha$ -naphthoflavone derivatives as CYP1B1 inhibitors. Eur J Med Chem. 2020 Feb 1;187:111938.

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

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