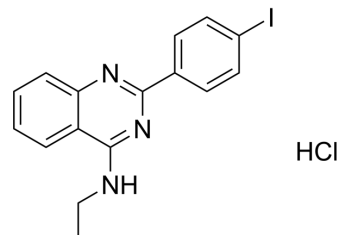


## CYP1B1-IN-8

Cat. No.:	HY-161403
Molecular Formula:	C <sub>16</sub> H <sub>15</sub> ClIN <sub>3</sub>
Molecular Weight:	411.67
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-8 (Compound 14b) is a CYP1B1 inhibitor (IC<sub>50</sub>: 4.14 × 10<sup>-5</sup> nM). CYP1B1-IN-8 reduces the resistance in A549 cells to Paclitaxel (HY-B0015), and inhibits cell migration and invasion<sup>[1]</sup>.

### REFERENCES

[1]. Yang M, et al. Design of Novel 2-Phenylquinazolin-4-amines as Selective CYP1B1 Inhibitors for Overcoming Paclitaxel Resistance in A549 Cells. J Med Chem. 2024 Apr 11;67(7):5883-5901.

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

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