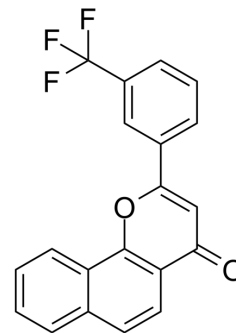


CYP1B1-IN-2

Cat. No.:	HY-150558
CAS No.:	727730-24-7
Molecular Formula:	C ₂₀ H ₁₁ F ₃ O ₂
Molecular Weight:	340.3
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-2 (compound 9j) is a potent and selective CYP1B1 (cytochrome P450 1B1) inhibitor, with an IC ₅₀ of 0.52 nM ^[1] .		
IC ₅₀ & Target	CYP1B1 0.52 nM (IC ₅₀)	CYP1A1 16.7 nM (IC ₅₀)	CYP1A2 94.2 nM (IC ₅₀)

REFERENCES

[1]. Dong J, et al. Synthesis and structure-activity relationship studies of α -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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