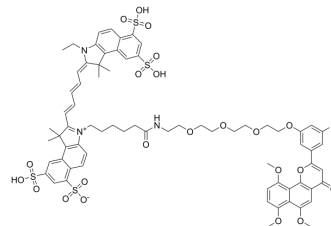


CYP1B1-IN-6

Cat. No.:	HY-162051
Molecular Formula:	C ₇₁ H ₇₆ FN ₃ O ₂₂ S ₄
Molecular Weight:	1470.63
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-6 (compound 19) is a fluorescence molecular probes which inhibits CYP1B1 activity. CYP1B1-IN-6 can identify tumor sites in fluorescence imaging and photoacoustic imaging modes^[1].

REFERENCES

[1]. Chen D, et al. Design and Synthesis of Novel Near-Infrared Fluorescence Probes Based on an Open Conformation of a Cytochrome P450 1B1 Complex for Molecular Imaging of Colorectal Tumors. J Med Chem. 2023 Dec 14;66(23):16032-16050.

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

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