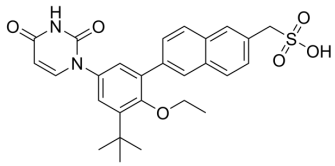
CYP2C1/CYP2C19-IN-2

Cat. No.:	HY-151253
Molecular Formula:	$C_{27}H_{28}N_2O_6S$
Molecular Weight:	508.59
Target:	Cytochrome P450; Virus Protease
Pathway:	Metabolic Enzyme/Protease; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CYP2C1/CYP2C19-IN-2 (compound 21d) is a potent CYP2C9/CYP2C19 inhibitor, possessing no hepatotoxicity and ames toxicity. CYP2C1/CYP2C19-IN-2 can be used in study of anti-ZIKV[1].
IC_{50} & Target	CYP2C1, CYP2C19[1].

REFERENCES

[1]. Ezeh M I, et al. Chemoinformatic Design and Profiling of Derivatives of Dasabuvir, Efavirenz, and Tipranavir as Potential Inhibitors of Zika Virus RNA-Dependent RNA Polymerase and Methyltransferase. ACS Omega, 2022.

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