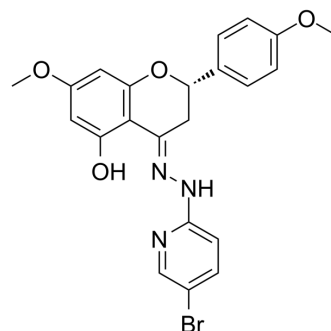


P-gp modulator 2

Cat. No.:	HY-146117
Molecular Formula:	C ₂₂ H ₂₀ BrN ₃ O ₄
Molecular Weight:	470.32
Target:	P-glycoprotein
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	P-gp modulator 2 (Compound 27) is a potent, competitive, allosteric P-glycoprotein (P-gp) modulator ^[1] .
In Vitro	P-gp modulator 2 (Compound 27) shows cytotoxicity on L5178Y parental (L5178Y-PAR) and human ABCB1-gene transfected (L5178Y-MDR) mouse T-lymphoma cells with IC ₅₀ values of 8.0 ± 1.1 and 10.7 ± 1.1 μM, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ferreira RJ, et al. Nitrogen-containing naringenin derivatives for reversing multidrug resistance in cancer. *Bioorg Med Chem*. 2020 Dec 1;28(23):115798.

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

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