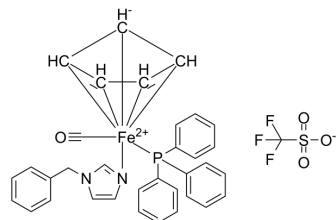


ABCB1-IN-1

Cat. No.:	HY-149366
CAS No.:	2986412-70-6
Molecular Formula:	C ₃₅ H ₃₀ F ₃ FeN ₂ O ₄ PS
Molecular Weight:	718.5
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

ABCB1-IN-1 (compound 3) is a potent ABCB1 inhibitor. ABCB1-IN-1 induces cell apoptosis. ABCB1-IN-1 bearing 1-benzylimidazole has IC₅₀ values of 1.26 μM and 2.21 μM for Colo205 and Colo320 cells, respectively^[1].

REFERENCES

[1]. Adhan Pilon, et al. First iron(II) organometallic compound acting as ABCB1 inhibitor. Eur J Med Chem. 2023 Aug 5;256:115466.

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

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