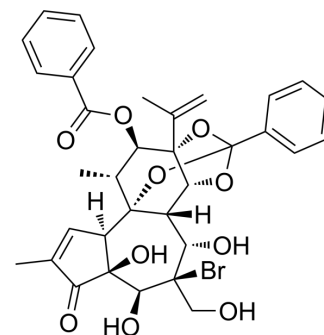


Importin β 1-IN-1

Cat. No.:	HY-161023
Molecular Formula:	C ₃₄ H ₃₅ BrO ₁₀
Molecular Weight:	683.54
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Importin β 1-IN-1 (compound DD1-Br) is an orally active Importin β 1 inhibitor ($K_D = 0.219 \mu\text{M}$). Importin β 1-IN-1 exhibits antiproliferative activity on castration-resistant prostate cancer (CRPC) cells. Importin β 1-IN-1 alone or in combination with enzalutamide completely prevented tumor growth in a mouse model of drug-resistant CRPC. Importin β 1-IN-1 can be used in cancer research^[1].

REFERENCES

[1]. Huang JL, et al. Discovery of a highly potent and orally available importin- β 1 inhibitor that overcomes enzalutamide-resistance in advanced prostate cancer. *Acta Pharm Sin B*. 2023 Dec;13(12):4934-4944.

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

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