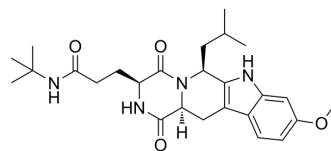


ABCG2-IN-1

Cat. No.:	HY-155652
CAS No.:	2559759-40-7
Molecular Formula:	C ₂₆ H ₃₆ N ₄ O ₄
Molecular Weight:	468.59
Target:	BCRP
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ABCG2-IN-1 (compound K2), a Ko143 analog, is an orally active ABCG2 inhibitor with an IC ₅₀ of 0.13 μM. ABCG2-IN-1 has favorable oral pharmacokinetic profiles in mice ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.13 μM (ABCG2) ^[1]

REFERENCES

[1]. Junjie Zhu, et al. Metabolism-guided development of Ko143 analogs as ABCG2 inhibitors. *Eur J Med Chem.* 2023 Nov 5;259:115666.

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

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