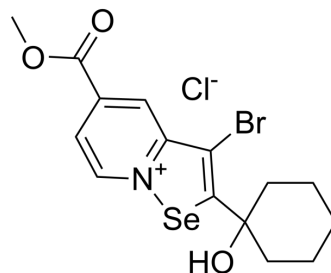


PKM2-IN-4

Cat. No.:	HY-155849
Molecular Formula:	C ₁₅ H ₁₇ BrClNO ₃ Se
Molecular Weight:	453.62
Target:	Pyruvate Kinase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Pkm2-in-4 (compound 5C) is a selective inhibitor of PKM2 (IC ₅₀ =0.35 μM), which regulates pyruvate-dependent respiration and induces mitochondrial H2O2 production rate and electron transport system coupling ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.35 μM (PKM2) ^[1]
In Vivo	PKM2-IN-4 (compound 5C) MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Dimitrijevs P, et al. Development of isoselenazolium chlorides as selective pyruvate kinase isoform M2 inhibitors. Eur J Med Chem. 2023 Sep 5;257:115504.

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

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