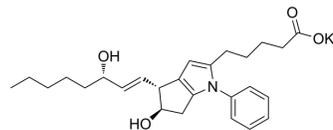


Piriprost potassium

Cat. No.:	HY-106064A
CAS No.:	88851-62-1
Molecular Formula:	C ₂₆ H ₃₄ KNO ₄
Molecular Weight:	463.65
Target:	Leukotriene Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Piriprost (U-60,257B) potassium is an inhibitor of leukotriene synthesis. Piriprost potassium inhibits the release of both leukotriene and histamine with an IC ₅₀ of 0.11 μM from isolated porcine lung cells. Piriprost potassium increases alkaline phosphatase (ALP) activity in cultured endometrial stromal cells ^{[1][2]} .
IC₅₀ & Target	IC50: 0.11 μM (leukotriene) ^[2]

REFERENCES

- [1]. Cejic SS, Kennedy TG. Examination of the effects of piriprost (U-60,257B) on alkaline phosphatase activity of rat endometrial stromal cells in vitro. Prostaglandins. 1991 Aug;42(2):179-89.
- [2]. McCormack DG, Paterson NA. The contrasting influence of two lipoxygenase inhibitors on hypoxic pulmonary vasoconstriction in anesthetized pigs. Am Rev Respir Dis. 1989 Jan;139(1):100-5.

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

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