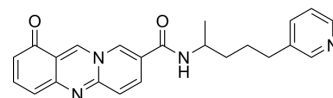


Ro 23-3423

Cat. No.:	HY-118765
CAS No.:	110996-51-5
Molecular Formula:	C ₂₃ H ₂₂ N ₄ O ₂
Molecular Weight:	386.45
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ro 23-3423 is a thromboxane synthase inhibitor with an IC₅₀ value of 0.33 μM for human platelet microsomal thromboxane synthase. Ro 23-3423 increases plasma levels of PGF and PGE₂ in a dose-dependent manner, accompanied by a decrease in mean systemic arterial pressure and systemic vascular resistance. Ro 23-3423 can be used in the study of general anesthesia [1].

REFERENCES

[1]. Morel D R, et al. Dose-dependent effects of a pyridoquinazoline thromboxane synthetase inhibitor on arachidonic acid metabolites and hemodynamics during E. coli endotoxemia in anesthetized sheep[J]. Prostaglandins, 1987, 33(6): 879-902.

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

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