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Zuschläge

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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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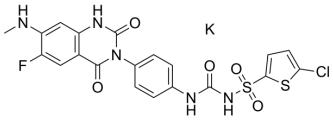
Elinogrel potassium

Cat. No.:	HY-14486
CAS No.:	936501-01-8
Molecular Formula:	$C_{20}H_{15}ClFKN_5O_5S_2$
Molecular Weight:	563.04
Target:	P2Y Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Elinogrel (PRT060128) potassium is a reversible, competitive and orally active $P2Y_{12}$ antagonist. Elinogrel potassium inhibits thrombosis[1][2].
IC_{50} & Target	P2Y12 Receptor
In Vivo	Elinogrel (60 mg/kg; p.o.; daily for 3 days) inhibits thrombosis[2]. Elinogrel (1 mg/kg; i.v.) blocks residual thrombotic activity observed in clopidogrel (HY-15283)-treated mice (50 mg/kg p.o., 3 days) in a FeCl3 (HY-Y0266)-induced vascular injury model[2]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Animal Model:	C57BL/6J mice [2]
Dosage:	60 mg/kg
Administration:	P.o.; daily for 3 days
Result:	Inhibited thrombosis in mouse.

REFERENCES

[1]. Ueno M, et al. Elinogrel: pharmacological principles, preclinical and early phase clinical testing. Future Cardiol. 2010 Jul;6(4):445-53.

[2]. Haberstock-Debic H, et al. A clopidogrel-insensitive inducible pool of P2Y12 receptors contributes to thrombus formation: inhibition by elinogrel, a direct-acting, reversible P2Y12 antagonist. J Pharmacol Exp Ther. 2011 Oct;339(1):54-61.

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