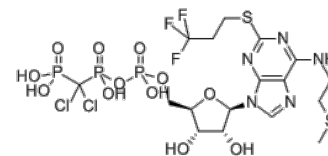


Product Name : Cangrelor
Cat. No. : PC-61584
CAS No. : 163706-06-7
Molecular Formula : C₁₇H₂₅Cl₂F₃N₅O₁₂P₃S₂
Molecular Weight : 776.36
Target : P2Y Receptor
Solubility : 10 mM in DMSO



Biological Activity

Cangrelor (AR-C69931MX) is a potent, selective P2T/**P2Y₁₂** receptor antagonist with IC₅₀ of 0.4 nM against ADP-induced aggregation of human platelets.

Cangrelor (AR-C69931MX) displays >1,000-fold selectivity over other P2 receptor family.

Cangrelor (AR-C69931MX) antagonizes the ex vivo and in vivo aggregatory actions of ADP, and displays a rapid onset and offset of action with the ability to prevent occlusive arterial thrombus formation.

References

Ingall AH, et al. *J Med Chem.* 1999 Jan 28;42(2):213-20.

Huang J, et al. *J Pharmacol Exp Ther.* 2000 Nov;295(2):492-9.

Storey RF, et al. *Br J Haematol.* 2000 Sep;110(4):925-34.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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