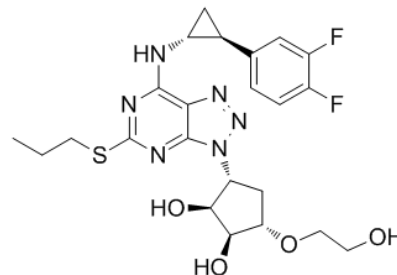


Product Name : Ticagrelor
Cat. No. : PC-42218
CAS No. : 274693-27-5
Molecular Formula : C₂₃H₂₈F₂N₆O₄S
Molecular Weight : 522.5681
Target : P2Y Receptor
Solubility : 10 mM in DMSO



Biological Activity

Ticagrelor (AZD6140) is a potent, selective, reversible and oral **P2Y₁₂ receptor** antagonist with pK_i of 8.7. Ticagrelor (AZD6140) effectively inhibits platelet aggregation without significant increases in bleeding time in vivo. Ticagrelor (AZD6140) is used for the prevention of thrombotic events (for example stroke or heart attack) in people with acute coronary syndrome or myocardial infarction with ST elevation.

References

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HUSTED S, et al. Eur Heart J. 2006 May;27(9):1038-47.
SPRINGTHORPE B, et al. Bioorg Med Chem Lett. 2007 Nov 1;17(21):6013-8.

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

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