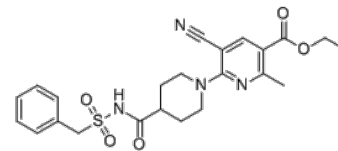


Product Name : AZD1283
Cat. No. : PC-20648
CAS No. : 919351-41-0
Molecular Formula : C₂₃H₂₆N₄O₅S
Molecular Weight : 470.54
Target : P2Y Receptor
Solubility : 10 mM in DMSO



CAS: 919351-41-0

Biological Activity

AZD1283 (AZD-1283) is a potent, selective P2Y₁₂ receptor antagonist with binding IC₅₀ of 11 nM, and IC₅₀ of 3.2 μM in washed platelet assay (WPA).

AZD1283 dose-dependently induced increases in blood flow and inhibition of ADP-induced platelet aggregation with antithrombotic ED₅₀ values of 3.0 μg/kg/min.

References

Kong D, et al. J Med Chem. 2019 Mar 28;62(6):3088-3106.

Bach P, et al. J Med Chem. 2013 Sep 12;56(17):7015-24.

Zhang K, et al. Nature. 2014 May 1;509(7498):115-8.

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

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