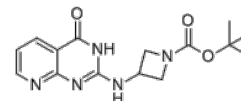


Product Name : AZ3976
Cat. No. : PC-38547
CAS No. : 1418747-15-5
Molecular Formula : C₁₅H₁₉N₅O₃
Molecular Weight : 317.349
Target : Plasminogen Activator Inhibitor-1 (PAI-1)
Solubility : 10 mM in DMSO



Biological Activity

AZ3976 is a small molecule inhibitor of plasminogen activator inhibitor type 1 (**PAI-1**) with IC₅₀ of 26 μM in enzymatic chromogenic assay.

AZ3976 binds to latent PAI-1 with K_d of 0.29 μM, does not bind to active PAI-1.

AZ3976 inhibits PAI-1 by enhancing the latency transition of active PAI-1.

References

Fjellström O, et al. *J Biol Chem*. 2013 Jan 11;288(2):873-85.

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

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