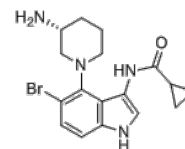


Product Name : GDC-0575
Cat. No. : PC-60276
CAS No. : 1196541-47-5
Molecular Formula : C₁₇H₂₁BrN₄O
Molecular Weight : 377.286
Target : Checkpoint Kinase (Chk)
Solubility :



Biological Activity

GDC-0575 (ARRY-575, RG-7741) is a potent, selective and orally bioavailable **Chk1** inhibitor with IC₅₀ of 1.2 nM; enhances the killing of primary AML cells ex vivo by inducing apoptosis combined with AraC, blocks the activation of CHK1 induced by AraC via decrease in the level of Tyr15-phosphorylated CDK2 at 100 nM in AML cells.

Blood Cancer

Phase 1 Clinical

References

Duan W, et al. *Front Oncol.* 2014 Dec 19;4:368.

Di Tullio A, et al. *Nat Commun.* 2017 Nov 22;8(1):1679.

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

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