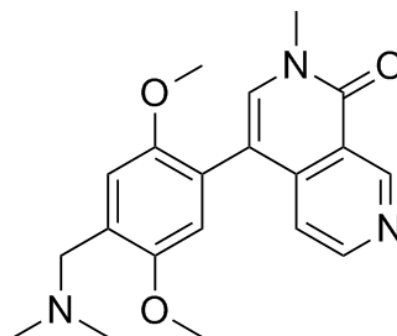


Product Name : BI-9564
Cat. No. : PC-42110
CAS No. : 1883429-22-8
Molecular Formula : C₂₀H₂₃N₃O₃
Molecular Weight : 353.4149
Target : Bromodomain
Solubility : DMSO: 7.2 mg/mL (Need warming)



Biological Activity

BI-9564 (BI9564) is a potent, selective, cell-permeable and noncytotoxic **BRD9** bromodomain inhibitor with IC₅₀ of 75 nM, K_d of <20 nM.

BI-9564 displays 45-fold selectivity over BRD7, and >5,000-fold over BRD4-BD1, BRD4-BD2, and BRD2-BD1.

BI-9564 blocks EOL-1 cell proliferation with EC₅₀ of 0.8 μM, and displays antitumor activity in an AML xenograft model.

References

Martin LJ, et al. *J Med Chem.* 2016 May 26;59(10):4462-75.

Krämer KF, et al. *Int J Mol Sci.* 2017 Jul 16;18(7). pii: E1537.

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

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