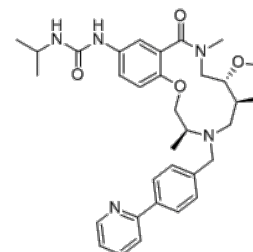


Product Name : BRD-K98645985
Cat. No. : PC-38594
CAS No. : 1357647-78-9
Molecular Formula : C₃₃H₄₃N₅O₄
Molecular Weight : 573.73
Target : HIV
Solubility : 10 mM in DMSO



Biological Activity

BRD-K98645985 is a small molecule inhibitor of **BAF (mammalian SWI/SNF)**-mediated transcription with EC₅₀ of 2.37 μ M, binds ARID1A-specific BAF complexes, reverses **HIV-1** latency in vitro and ex vivo.

Among the alternate epigenetic targets being investigated for reversing HIV-1 latency, one potential candidate is the mammalian SWI/SNF chromatin remodeling complex, BAF, which has been shown to contribute to HIV-1 transcriptional repression.

BAF complexes are multisubunit ATP-dependent chromatin remodelers known for their roles in development and cancer.

References

Marian CA, et al. *Cell Chem Biol*. 2018 Dec 20;25(12):1443-1455.e14.

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

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