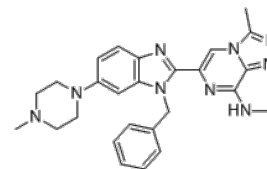


Product Name : BI 894999
Cat. No. : PC-38620
CAS No. : 1610044-98-8
Molecular Formula : C₂₆H₂₉N₉
Molecular Weight : 467.581
Target : Bromodomain
Solubility : 10 mM in DMSO



Biological Activity

BI 894999 (Amredobresib) is a novel potent, selective **BET** inhibitor with IC₅₀ of 5 and 41 nM for BRD4-BD1 and BRD4-BD2 bromodomains, respectively.

BI 894999 displays excellent selectivity over other bromodomains.

BI 894999 decreases S-Phase and increases apoptosis, Volasertib augments and prolongs the decrease of MYC expression caused by BI 894999 treatment in AML cell lines.

BI 894999 dramatically reduces tumor burden accompanied by eradication of AML cells in mouse bone marrow combined with Volasertib.

BI 894999 also represses super-enhancer-associated transcription and synergizes with CDK9 inhibition in AML.

References

Tontsch-Grunt U, et al. *Cancer Lett.* 2018 May 1;421:112-120.

Gerlach D, et al. *Oncogene.* 2018 May;37(20):2687-2701.

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

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