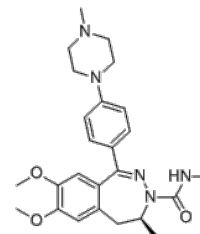


Product Name : BAY1238097
Cat. No. : PC-62283
CAS No. : 1564268-08-1
Molecular Formula : C₂₅H₃₃N₅O₃
Molecular Weight : 451.571
Target : Bromodomain
Solubility : 10 mM in DMSO



Biological Activity

BAY1238097 is a novel **BET bromodomain** inhibitor with IC₅₀ of 50 nM, inhibits the interaction between BRD4, BRD3 or BRD2 and H4 with IC₅₀ values of 63 nM, 609 nM and 2430 nM in the NanoBRET assay.

BAY1238097 shows selectivity of the compound for BRD4.

BAY1238097 strongly reduces c-Myc transcript and protein levels in MOLM-13 (AML) and MOLP-8 (MM) cell lines.

BAY1238097 exhibits strong efficacy in the AML models THP-1, MOLM-13 and KG-1.

References

Bernasconi E, et al. *Br J Haematol.* 2017 Jun 27. doi: 10.1111/bjh.14803.

Patent WO2014026997A1.

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

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