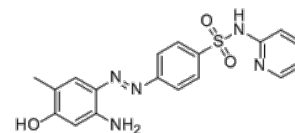


Product Name : MS436
Cat. No. : PC-21330
CAS No. : 1395084-25-9
Molecular Formula : C₁₈H₁₇N₅O₃S
Molecular Weight : 383.43
Target : Bromodomain
Solubility : 10 mM in DMSO



Biological Activity

MS436 is a potent, selective BRD4 BD1 bromodomain inhibitor with K_i values of 30-50 nM, 10-fold selectivity over the BD2. MS436 effectively inhibits BRD4 activity in NF-κB-directed production of nitric oxide and pro-inflammatory cytokine interleukin-6 in murine macrophages.

References

Zhang G, et al. J Med Chem. 2013 Nov 27;56(22):9251-64.

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

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