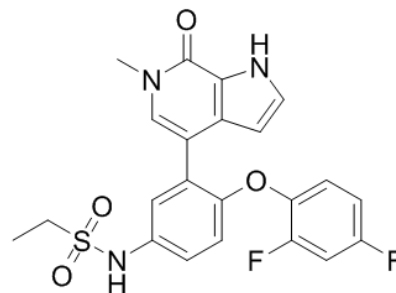


Product Name : Mivebresib
Cat. No. : PC-42029
CAS No. : 1445993-26-9
Molecular Formula : C₂₂H₁₉F₂N₃O₄S
Molecular Weight : 459.4658
Target : Bromodomain
Solubility : DMSO: ≥ 37 mg/mL



Biological Activity

Mivebresib (ABBV-075) is a potent and orally available **BET bromodomain** inhibitor with K_i of 1.0, 12.2, 1.5, and 2.2 nM for BRD2, BRD3, BRD4 and BRDT, respectively.

Mivebresib (ABBV-075) displays 54-fold selectivity over EP300, has potential weak activity against SMARCA4 (70% inhibition at 1 μM), K_d >1 μM for 18 other bromodomains.

Mivebresib (ABBV-075) exhibits inhibition of c-Myc expression and displacing BRD4 from the Myc promoter.

Mivebresib (ABBV-075) dose-dependently inhibits IL-6 concentration in a murine model of LPS-induced endotoxic shock, shows vivo antitumor efficacy in a Kasumi-1 AML mouse xenograft model.

References

McDaniel KF, et al. *J Med Chem.* 2017 Oct 26;60(20):8369-8384.

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

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