

Product Datasheet

I-BET151

Catalog No. **BP-02330** · CAS **1300031-49-5** · Form **free base** · Physical state **solid** · Color **white to off-white** · Version **1.0** · Revision **2026-09-14**

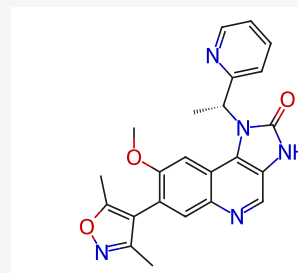
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Target Epigenetic Reader Domain	Research area Cancer
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Molecular formula **C₂₃H₂₁N₅O₃**

Molecular weight **415.4445**

STRUCTURE



DESCRIPTION

I-BET151 is a BET bromodomain inhibitor which inhibits BRD4, BRD2, and BRD3 with pIC₅₀ of 6.1, 6.3, and 6.6, respectively.

BIOLOGICAL ACTIVITY

I-BET151 (GSK1210151A) is a BET bromodomain inhibitor which inhibits BRD4, BRD2, and BRD3 with pIC₅₀ of 6.1, 6.3, and 6.6, respectively.

SOLUBILITY

Soluble in DMSO

In vitro DMSO >100 mg/mL

REFERENCES

- [1]. Seal J, et al. Identification of a novel series of BET family bromodomain inhibitors: Binding mode and profile of I-BET151 (GSK1210151A). *Bioorg Med Chem Lett*. 2012 Apr 15;22(8):2968-72.
- [2]. Chaidos A, et al. Potent antimyeloma activity of the novel bromodomain inhibitors I-BET151 and I-BET762. *Blood*. 2014 Jan 30;123(5):697-705.