

Product Information

Product ID I0516

CAS No. 1300031-49-5

Chemical Name

Synonym GSK-1210151A, GSK1210151A

Formula C₂₃H₂₁N₅O₃

Formula Wt. 415.44

Melting Point

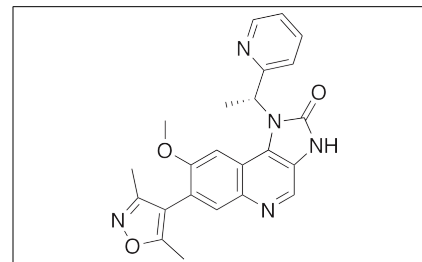
Purity ≥98%

Solubility Ethanol 27 mg/mL (64.99 mM)
DMSO Insoluble
Water Insoluble

Store Temp -20°C

Ship Temp Ambient

Description I-BET-151 is a BET bromodomain (BRD) inhibitor that inhibits BRD2, BRD3, and BRD4. I-BET-151 exhibits anticancer chemotherapeutic and anti-inflammatory activities. In vitro and in vivo, this compound induces apoptosis and inhibits cellular proliferation in various cancer models. I-BET-151 inhibits recruitment of the P-TEFb component of cyclin-dependent kinase 9 (CDK9) to chromatin, causing transcriptional regression of Myc. I-BET-151 also inhibits bacteria-induced inflammation and sepsis in animal models.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
I0516	1 mg	\$71.70
I0516	5 mg	\$131.00
I0516	10 mg	\$192.60
I0516	25 mg	\$367.90

References Chaidos A, Caputo V, Gouvedenou K, et al. Potent antimyeloma activity of the novel bromodomain inhibitors I-BET151 and I-BET762. *Blood*. 2014 Jan 30;123(5):697-705. PMID: 24335499.

Seal J, Lamotte Y, Donche F, 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. PMID: 22437115.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.