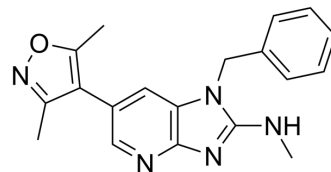


BET-IN-19

Cat. No.:	HY-125236
CAS No.:	1643947-30-1
Molecular Formula:	C ₁₉ H ₁₉ N ₅ O
Molecular Weight:	333.39
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

BET-IN-19 (Compound 146) is a BET inhibitor. BET-IN-19 inhibits hIL-6 mRNA transcription ($IC_{50} \leq 0.3 \mu M$), and c-myc activity in human AML MV4-11 cell ($IC_{50} \leq 0.3 \mu M$). BET-IN-19 inhibits tetra-acetylated histone H4 binding to BRD4 bromodomain 1 ($IC_{50} \leq 0.3 \mu M$)^[1].

REFERENCES

[1]. Bryan Cordell DUFFY, et al. Novel bicyclic bromodomain inhibitors. Patent. WO2015002754 A2.

Caution: Product has not been fully validated for medical applications. For research use only.

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