

Product Data Sheet

Product Name: BET-IN-19

Cat. No.: GC72960

Chemical Properties

Cas. No. 1643947-30-1

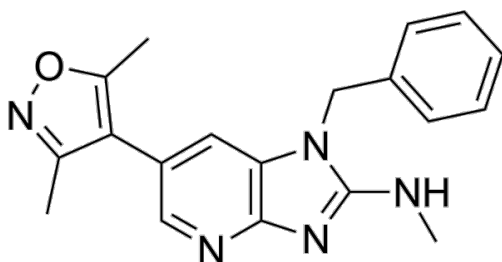
Formula $C_{19}H_{19}N_5O$ M.Wt 333.39

Solubility DMSO : 100 mg/mL (299.95 mM; Storage -20°C
Need ultrasonic)

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

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

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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 ($IC_{50} \leq 0.3 \mu M$).

References:

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

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