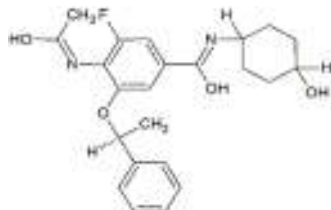


# GSK-046

**ALTERNATE NAME:** iBET-BD2  
4-Acetamido-3-fluoro-N-((1r,4S)-4-hydroxycyclohexyl)-5-((S)-1-phenylethoxy)benzamide  
GSK046

**CATALOG #:** B3270-5 5 mg  
B3270-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>23</sub>H<sub>27</sub>FN<sub>2</sub>O<sub>4</sub>

**MOLECULAR WEIGHT:** 414.47

**CAS NUMBER:** 2474876-09-8

**APPEARANCE:** Crystalline solid

**PURITY:** ≥98% by HPLC

**SOLUBILITY:** >50 mg/ml DMSO

**DESCRIPTION:** GSK-046 (iBET-BD2) is a potent and selective inhibitor of BET (bromodomain and extraterminal domain) with IC<sub>50</sub> of 264 nM, 98 nM, 49 nM and 214 nM for BRD2BD2, BRD3BD2, BRD4BD2 and BRDTBD2, respectively. GSK-046 displays immunomodulatory activity.

**STORAGE TEMPERATURE:** -20°C. Protect from light

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

CPI-0610 (B1201)  
Bromosporine (2652)  
BAZ2-ICR (B1865)  
Bromodomain Inhibitor, (+)-JQ1 (2070)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*