**Product:** I-BET762

**ALTERNATE NAME:** (4S)-6-(4-Chlorophenyl)-N-ethyl-8-methoxy-1-methyl-4H-[1,2,4]triazolo[4,3-a][1,4]benzodiazepine-4-acetamide; GSK525762

**CATALOG #:** 2628-1, 5

**AMOUNT:** 1 mg, 5 mg

**STRUCTURE:**

![Structure](image)

**MOLECULAR FORMULA:** C_{22}H_{22}ClN_{5}O_{2}

**MOLECULAR WEIGHT:** 423.90

**CAS No.:** 1260907-17-2

**APPEARANCE:** Off-white solid

**SOLUBILITY:** DMSO or EtOH

**PURITY:** >98% by HPLC

**STORAGE:** Store at -20°C. Protect from air and light

**DESCRIPTION:** I-BET762 (GSK525762) is a highly potent, selective and cell-permeable inhibitor of the bromodomain and extra terminal (BET) family protein BRD4 (IC_{50} of ~35 nM). It inhibits myeloma cell proliferation and suppresses the production of proinflammatory proteins by macrophages and blocks acute inflammation.


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

**FOR RESEARCH USE ONLY! Not to be used in humans.**