

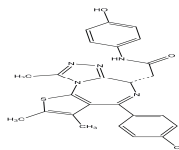
Product: OTX015

ALTERNATE NAME: (6S)-4-(4-chlorophenyl)-N-(4-hydroxyphenyl)-2,3,9-trimethyl-6H-thieno[3,2-f][1,2,4]triazolo[4,3-a][1,4]diazepine-6-acetamide; HY-15743

CATALOG #: 2651-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₅H₂₂ClN₅O₂S

MOLECULAR WEIGHT: 492.0

CAS NUMBER: 202590-98-5

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO (~25 mg/ml) or EtOH (~ 25 mg/ml)

PURITY: ≥98%

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

DESCRIPTION: OTX015 is a potent inhibitor of BRD2, BRD3, and BRD4 (EC₅₀s = 10-19 nM). It displays antiproliferative effects at a sub-micromolar range *in vitro* in a wide range of solid tumor types and leukemias, downregulating c-Myc expression and inducing cell cycle arrest and apoptosis. At 100 mg/kg, OTX015 has been shown to inhibit the growth of Ty82 BRD-NUT midline carcinoma tumors in nude mice by 79%.

REFERENCE: Noel, J.K., *et al.* (2013). *Mol. Cancer Ther.* **12**, C244

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

RELATED PRODUCTS:

AMI-1 (Cat. No. 1943-5, 25)

Aza-2'-deoxycytidine (Cat. No. 1754-10, 50)

5- BIX01294 (Cat. No. 1678-5, 25)

Bromodomain Inhibitor, (+)-JQ1 (Cat. No. 2070-1, 5)

EPZ004777 (Cat. No. 2381-1, 5)

EPZ-5676 (Cat. No. 2382-1, 5)

EPZ-6438 (E7438) (Cat. No. 2383-1, 5)

EPZ005687 (Cat. No. 2364-2, 10)

EZSolution™ EPZ005687 (Cat. No. 2375-2)

EZSolution™ GSK126 (Cat. No. 2366-1)

3-Deazaneplanocin (Cat. No. 2060-250, 1000)

GSK343 (Cat. No. 2281-1, 5)

EZSolution™ GSK343 (Cat. No. 2365-1)

EZSolution™ GSK126 (Cat. No. 2366-1)

GSK126 (Cat. No. 2282-1, 5)

(+)-JQ1 (Cat. No. 2070-1, 5)

EZSolution™ (+)-JQ1 (Cat. No. 2091-1)

(-)-JQ1 (Cat. No. 2384-1)

I-BET151 (Cat. No. 2220-1, 5)

I-BET762 (Cat. No. 2628-1,5)

Lomeguatrib (Cat. No. 2224-5, 25)

PFI-1 (Cat. No. 2203-1, 5)

RG108 (Cat. No. 1679-10, 30)

UNC0638 (Cat. No. 1933-1,

Zebularine (Cat. No. 2225-1, 5)

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