

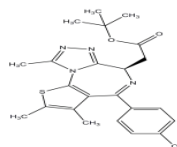
PRODUCT: (-)-JQ1

ALTERNATE NAME: *t*-Butyl-2-((6*R*)-4-(4-chlorophenyl)-2,3,9-trimethyl-6*H*-thieno[3,2-*f*][1,2,4]triazolo[4,3-*a*][1,4]diazepin-6-yl)acetate

CATALOG #: 2384-1

AMOUNT: 1 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₃H₂₅ClN₄O₂S

MOLECULAR WEIGHT: 456.99

CAS NUMBER: 1268524-71-5

APPEARANCE: Off-White solid

SOLUBILITY: DMSO (10 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: Cell-permeable. A useful negative control for the BET bromodomain inhibitor (+)-JQ1 (Cat.No.2070). (-)-JQ1 enantiomer has no appreciable affinity to BET bromodomains, whereas enantiomerically pure (+)-JQ1 binds to BRD4 bromodomains 1 and 2 with K_d values of ~ 50 and 90 nM, respectively.

REFERENCE: Flippakopoulos, P., *et al.* (2010). *Nature* **468**, 1067-1073.

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)
- Lomeguatrib (Cat. No. 2224-5, 25)
- RG108 (Cat. No. 1679-10, 30)
- UNC0638 (Cat. No. 1933-1,
- Zebularine (Cat. No. 2225-1, 5)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**