

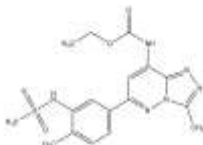
## Product: Bromosporine

**ALTERNATE NAME:** Ethyl (3-methyl-6-(4-methyl-3-(methylsulfonamido)phenyl)-[1,2,4]triazolo[4,3-b]pyridazin-8-yl)carbamate

**CATALOG #:** 2652-1, 5

**AMOUNT:** 1 mg, 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>17</sub>H<sub>20</sub>N<sub>6</sub>O<sub>4</sub>S

**MOLECULAR WEIGHT:** 404.44

**CAS NUMBER:** 1619994-69-2

**APPEARANCE:** White solid

**SOLUBILITY:** DMSO (~35 mg/ml) or EtOH (~ 10 mg/ml)

**PURITY:** ≥98% by HPLC

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

**DESCRIPTION:** Bromosporine is a broad spectrum bromodomain inhibitor (IC<sub>50</sub>s = 0.41 μM, 0.29 μM, 0.122 μM and 0.017 μM for BRD2, BRD4, BRD9 and CECR2, respectively). At 1 μM, Bromosporine accelerates FRAP recovery of BRD4 and CREBBP, while displaying no activities against TIF1α, BAZ2A, and SMARCA2 even at 10 μM.

**REFERENCE:** Gallenkamp, D., *et al.* (2014). *ChemMedChem* **9**, 438-464.

**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)  
OTX015 (Cat. No. 2651-1. 5)  
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.**