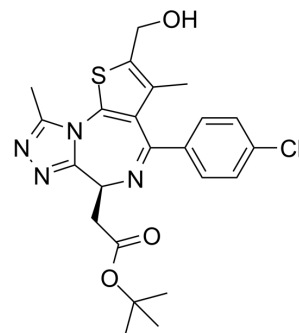


(+)-JQ1-OH

Cat. No.:	HY-161125
Molecular Formula:	C ₂₃ H ₂₅ ClN ₄ O ₃ S
Molecular Weight:	472.99
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(+)-JQ1-OH is the major metabolite of (+)-JQ1 (HY-13030). (+)-JQ-1 (JQ1) is a potent, specific, and reversible BET bromodomain inhibitor, with IC₅₀s of 77 and 33 nM for the first and second bromodomain (BRD4(1/2)). (+)-JQ-1 also activates autophagy^[1].

REFERENCES

[1]. Holmes S, et al. Chemical Catalysis Guides Structural Identification for the Major In Vivo Metabolite of the BET Inhibitor JQ1. ACS Med Chem Lett. 2024;15(1):107-115. Published 2024 Jan 2.

Caution: Product has not been fully validated for medical applications. For research use only.

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