Creative Enzymes®

Bromodomain Inhibitor, (+)-JQ1

Cat. No. CEI-0409

Lot. No. (See product label)

Introduction

Description	Cell-permeable. A potent and highly specific inhibitor for the BET (bromodomain and extra-terminal) family of bromodomains. (+)-JQ1 binds to BRD4 bromodomains 1 and 2 with Kd values of ~ 50 and 90 nM, respectively. The binding is competitive with acetyl lysine. (+)-JQ1 can be a useful chemical probe to investigate the role of BET bromodomains in the transcriptional regulation of oncogenesis.

Product Information

Appearance	Crystalline solid
CAS No.	1268524-70-4
Molecular Formula	C23H25ClN4O2S
Chemical Name	t-Butyl-2-((6S)-4-(4-chlorophenyl)-2,3,9-trimethyl-6H-thieno[3,2-f][1,2,4]triazolo[4,3-a][1,4]diazepin-6-yl)acetate
Molecular Weight	349.43
Purity	>99% by HPLC
Targets	BRD4
Solubility	DMSO

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	RT