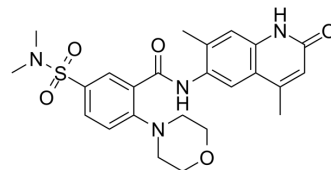


## Bromodomain inhibitor-9

Cat. No.:	HY-147374
CAS No.:	1870849-34-5
Molecular Formula:	C <sub>24</sub> H <sub>28</sub> N <sub>4</sub> O <sub>5</sub> S
Molecular Weight:	484.57
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Bromodomain inhibitor-9 is a Bromodomains inhibitor that selectively inhibits BRD4-1 (K <sub>d</sub> : 12 nM). Bromodomain inhibitor-9 can be used in the research of diseases or conditions associated with systemic or tissue inflammation, lipid metabolism, fibrosis or chronic autoimmune diseases <sup>[1]</sup> .	
<b>IC<sub>50</sub> &amp; Target</b>	BRD4-1 12 nM (Kd)	BRD4-2 5600 nM (Kd)
<b>In Vitro</b>	Bromodomain inhibitor-9 (Compound 99, 1 h) inhibits LPS induced cytokines (IL12P40) release in PBMCs, with an IC <sub>50</sub> value of 400 nM <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

### REFERENCES

[1]. Gerner Seitzberg, et al. Heterocyclic compounds as inhibitors of bromodomains and their preparation. Patent WO2016016316.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA