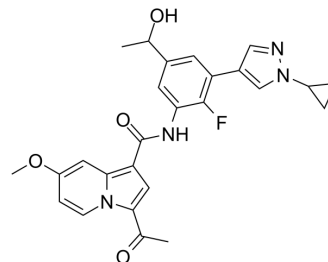


## Y08284

Cat. No.:	HY-142772
CAS No.:	2688745-47-1
Molecular Formula:	C <sub>26</sub> H <sub>25</sub> FN <sub>4</sub> O <sub>4</sub>
Molecular Weight:	476.5
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>	Y08284 is a potent, selective, oral active CBP bromodomain inhibitor with an IC <sub>50</sub> of 4.21 nM. Y08284 suppresses the proliferation of prostate cancer cell lines LNCaP, C4-2B, and 22Rv1. Antitumor activity <sup>[1]</sup> .
<b>In Vivo</b>	Y08284 demonstrates favorable cell permeability and good pharmacokinetic properties, with oral bioavailability of 25.9% <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Xiang Q, et al. Design, Synthesis, and Biological Evaluation of 1-(Indolizin-3-yl)ethan-1-ones as CBP Bromodomain Inhibitors for the Treatment of Prostate Cancer. *J Med Chem.* 2022;65(1):785-810.

**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