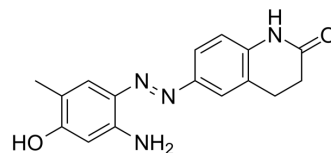


(E/Z)-ZL0420

Cat. No.:	HY-112149A
CAS No.:	2229039-45-4
Molecular Formula:	C ₁₆ H ₁₆ N ₄ O ₂
Molecular Weight:	296.32
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(E/Z)-ZL0420 is a racemic compound of (Z)-ZL0420 and (E)-ZL0420 isomers. (E)-ZL0420 is a potent and selective bromodomain-containing protein 4 (BRD4) inhibitor with IC₅₀ values of 27 nM against BRD4 BD1 and 32 nM against BRD4 BD2^[1].

REFERENCES

[1]. Zhiqing Liu, et al. Discovery of potent and selective BRD4 inhibitors capable of blocking TLR3-induced acute airway inflammation. *Eur J Med Chem.* 2018 May 10;151:450-461.

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

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