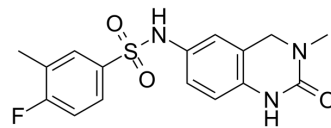


BRD4 Inhibitor-17

Cat. No.:	HY-145909
CAS No.:	2835555-10-5
Molecular Formula:	C ₁₆ H ₁₆ FN ₃ O ₃ S
Molecular Weight:	349.38
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

BRD4 Inhibitor-17 (Compound 5i) is a potent inhibitor of BRD4 with an IC₅₀ of 0.33 μM. BRD4 Inhibitor-17 plays crucial role in regulating transcription of inflammatory, proliferation and cell cycle genes. BRD4 Inhibitor-17 serves as potential antidotes for arsenicals^[1].

REFERENCES

[1]. Yatchang MF, et al. Development of BRD4 inhibitors as anti-inflammatory agents and antidotes for arsenicals. *Bioorg Med Chem Lett.* 2022;64:128696.

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

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