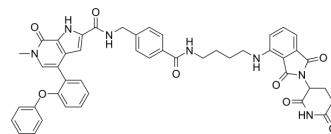


PROTAC BRD4 Degradator-16

Cat. No.:	HY-143327
CAS No.:	2585561-36-8
Molecular Formula:	C ₄₆ H ₄₁ N ₇ O ₈
Molecular Weight:	819.86
Target:	PROTACs; Epigenetic Reader Domain; Apoptosis
Pathway:	PROTAC; Epigenetics; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PROTAC BRD4 Degradator-16 is a potent PROTAC BRD4 Degradator, with IC ₅₀ values of 34.58 nM (BRD4 (BD1)) and 40.23 nM (BRD4 (BD2)). PROTAC BRD4 Degradator-16 significantly attenuates G2/M progression associated Cyclin B1 expression. PROTAC BRD4 Degradator-16 significantly induces apoptosis in MV-4-11 cells ^[1] .
In Vitro	PROTAC BRD4 Degradator-16 (compound 7f) (100 nM, 4-24 h) significantly induces BRD4 L and BRD4 S degradation at a concentration of 100 nM at 4 h and then recovers BRD4 S at 24 h like dBET6 (HY-112588) in MV-4-11 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Chen J, et al. Adjusted degradation of BRD4 S and BRD4 L based on fine structural modifications of the pyrrolopyridone scaffold. Eur J Med Chem. 2022 Jun 5;236:114259.

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

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