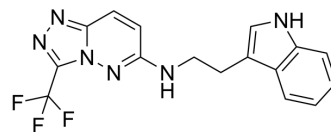


BRD4 Inhibitor-27

Cat. No.:	HY-155078
CAS No.:	930039-92-2
Molecular Formula:	C ₁₆ H ₁₃ F ₃ N ₆
Molecular Weight:	346.31
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-27 (compound 6) is a BRD4 inhibitor with IC ₅₀ of 9.6 and 11.3 μM for BRD4 BD1 and BRD4 BD2, respectively. BRD4 Inhibitor-27 has the potential to study cancer ^[1] .	
IC ₅₀ & Target	BD1 9.6 μM (IC ₅₀)	BD2 11.3 μM (IC ₅₀)

REFERENCES

[1]. Kim JH, et al. Crystal structure of [1,2,4] triazolo[4,3- b]pyridazine derivatives as BRD4 bromodomain inhibitors and structure–activity relationship study . Sci Rep 13, 10805 (2023).

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

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