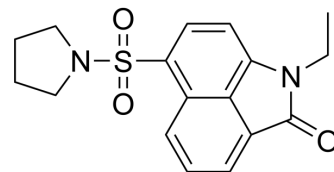


BRD4-IN-4

Cat. No.:	HY-153751
CAS No.:	304685-40-3
Molecular Formula:	C ₁₇ H ₁₈ N ₂ O ₃ S
Molecular Weight:	330.4
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	BRD4-IN-4 (Compound 1) is a BRD4 inhibitor (IC ₅₀ =6.83 μM). BRD4-IN-4 selectively inhibits MV4-11 cell line proliferation and arrests cell at G1 phase. BRD4-IN-4 can be used for research of MLL leukemia ^[1] .
IC ₅₀ & Target	IC50: 6.83 μM (BRD4) ^[1]

REFERENCES

[1]. Feng Y, et al. Design, synthesis and biological evaluation of benzo[cd]indol-2(1H)-ones derivatives as BRD4 inhibitors. Eur J Med Chem. 2018 May 25;152:264-273.

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

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