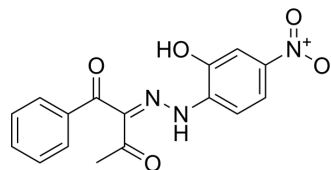


TrkA-IN-6

Cat. No.:	HY-157168
Molecular Formula:	C ₁₆ H ₁₃ N ₃ O ₅
Molecular Weight:	327.29
Target:	Trk Receptor
Pathway:	Neuronal Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	TrkA-IN-6 (compound R48) is a hydrazone-like, selective inhibitor of tropomyosin kinase type A receptor kinase (TrkA). TrkA-IN-6 exhibited a higher cytotoxic effect on U87 GBM cells than Temozolomide (HY-17364), with an IC ₅₀ of 68.99 μM ^[1] .
IC ₅₀ & Target	tropomyosin kinase receptor kinase type A (TrkA) ^[1]

REFERENCES

[1]. Murugesan A et al. Design, synthesis and anticancer evaluation of novel arylhydrazones of active methylene compounds. Int J Biol Macromol. 2023 Nov 10;254(Pt 3):127909.

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

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