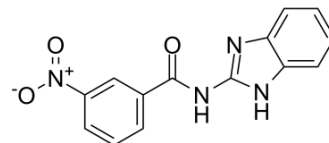


IRAK-4 protein kinase inhibitor 2

Cat. No.:	HY-77048
CAS No.:	301675-24-1
Molecular Formula:	C ₁₄ H ₁₀ N ₄ O ₃
Molecular Weight:	282.25
Target:	IRAK
Pathway:	Immunology/Inflammation
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



BIOLOGICAL ACTIVITY

Description	IRAK-4 protein kinase inhibitor 2 (compound 1) is a potent inhibitor of interleukin-1 (IL-1) receptor-associated kinase-4 (IRAK-4), with an IC ₅₀ of 4 μM. IRAK-4 protein kinase inhibitor 2 can be used for the research of inflammatory and immune-related conditions or disorders ^[1] .
IC ₅₀ & Target	IRAK4 4 μM (IC ₅₀)
In Vitro	IRAK-4 protein kinase inhibitor 2 (compound 1) also inhibits IRAK-1, with an IC ₅₀ of <10 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Powers JP, et, al. Discovery and initial SAR of inhibitors of interleukin-1 receptor-associated kinase-4. Bioorg Med Chem Lett. 2006 Jun 1;16(11):2842-5.

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

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