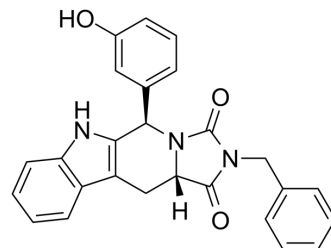


Eg5 Inhibitor V, trans-24

Cat. No.:	HY-112915		
CAS No.:	869304-55-2		
Molecular Formula:	C ₂₆ H ₂₁ N ₃ O ₃		
Molecular Weight:	423.46		
Target:	Kinesin		
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Eg5 Inhibitor V, trans-24 is a potent and specific kinesin Eg5 inhibitor with an IC ₅₀ of 0.65 μM, and can be used in the research of cancer.
IC₅₀ & Target	Eg5 0.65 μM (IC ₅₀)
In Vitro	Eg5 Inhibitor V, trans-24 is a potent and specific Eg5 inhibitor with an IC ₅₀ of 0.65 μM, and can be used in the research of cancer ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Sunder-Plassmann N, et al. Synthesis and biological evaluation of new tetrahydro-beta-carbolines as inhibitors of the mitotic kinesin Eg5. *Bioorg Med Chem.* 2005 Nov 15;13(22):6094-111.

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

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