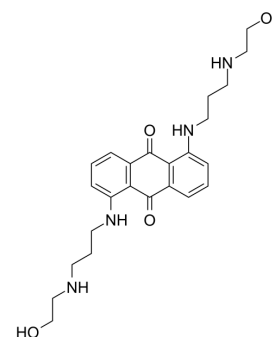


NSC363998 free base

Cat. No.:	HY-148717
CAS No.:	159357-82-1
Molecular Formula:	C ₂₄ H ₃₂ N ₄ O ₄
Molecular Weight:	440.54
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	NSC363998 (free base) is an orally active compound. NSC363998 (free base) can suppress rCGG90 induced neurotoxicity. NSC363998 (free base) can be used for the research of neurodegenerative disorder such as Fragile X associated tremor/ataxia syndrome (FXTAS) ^[1] .	
In Vivo	NSC363998 (free base) (oral; 0, 5 μM) can suppress rCGG90 induced neurotoxicity ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	Animal Model:	FXTAS Drosophila model ^[1]
	Dosage:	0, 5 μM
	Administration:	Oral (dissolved in DMSO and added to standard food)
	Result:	Could modify ommatidial degeneration and diminished neddylation activity in the FXTAS Drosophila model.

REFERENCES

[1]. Yunting Lin, et al. Neddylation activity modulates the neurodegeneration associated with fragile X associated tremor/ataxia syndrome (FXTAS) through regulating Sima. Neurobiol Dis. 2020 Sep;143:105013.

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

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