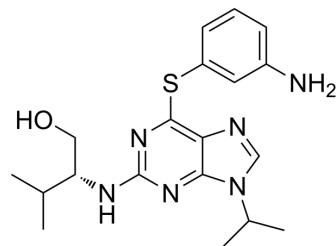


Diminutol

Cat. No.:	HY-118588
CAS No.:	361431-33-6
Molecular Formula:	C ₁₉ H ₂₆ N ₆ OS
Molecular Weight:	386.51
Target:	Microtubule/Tubulin
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Diminutol is an inhibitor for NADP-dependent quinone oxidoreductase (NQO1), that is involved in microtubule morphogenesis and cell division ^[1] .
In Vitro	Diminutol (0-100 μM) inhibits the microtubule polymerization through reduced interphase and prevented spindle formation in mitosis ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Wignall SM, et al., Identification of a novel protein regulating microtubule stability through a chemical approach. Chem Biol. 2004 Jan;11(1):135-46.

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

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