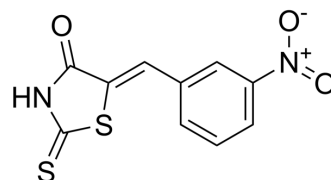


ATPase-IN-3

Cat. No.:	HY-161254
CAS No.:	1134203-12-5
Molecular Formula:	C ₁₀ H ₆ N ₂ O ₃ S ₂
Molecular Weight:	266.3
Target:	Apoptosis; MDM-2/p53
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (469.40 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	3.7552 mL	18.7758 mL	37.5516 mL	
5 mM	0.7510 mL	3.7552 mL	7.5103 mL	
10 mM	0.3755 mL	1.8776 mL	3.7552 mL	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

ATPase-IN-3 (compound 6) is a ATPase inhibitor. ATPase-IN-3 has Gastroprotective effect in ethanol-induced gastric ulcers by contribution of anti-apoptotic (BCL-2) and tumor suppressor (P53) proteins^[1].

REFERENCES

[1]. Ameen RQ, et al. Gastroprotective effect of rhodanine and 2,4-thiazolidinediones scaffolds in rat stomachs by contribution of anti-apoptotic (BCL-2) and tumor suppressor (P53) proteins. Sci Rep. 2024;14(1):1699. Published 2024 Jan 19.

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

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