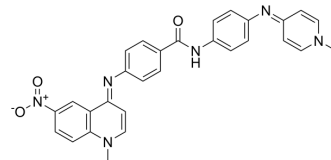


NSC260594

Cat. No.:	HY-112591
CAS No.:	906718-66-9
Molecular Formula:	C ₂₉ H ₂₄ N ₆ O ₃
Molecular Weight:	504.54
Target:	Apoptosis; HIV; Wnt; Bcl-2 Family
Pathway:	Apoptosis; Anti-infection; Stem Cell/Wnt
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (247.75 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.9820 mL	9.9100 mL	19.8200 mL
5 mM	0.3964 mL	1.9820 mL	3.9640 mL
10 mM	0.1982 mL	0.9910 mL	1.9820 mL

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

BIOLOGICAL ACTIVITY

Description

NSC260594 induces Apoptosis. NSC260594 binds the shallow groove of the Mcl-1 protein, and inhibits Mcl-1 expression through down-regulation of Wnt signaling proteins. NSC260594 can also recognize G9-G10-A11-G12 RNA tetraloop of HIV and prevent the binding of the Gag protein within the 5'-UTR. NSC260594 inhibits tumor growth, and can be used for research of Triple-negative breast cancers (TNBCs)^[1].

REFERENCES

[1]. Dong S, et al. Targeting Mcl-1 by a small molecule NSC260594 for triple-negative breast cancer therapy. Sci Rep. 2023 Jul 22;13(1):11843.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA