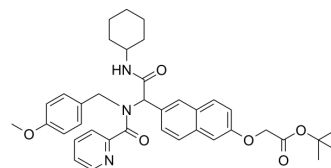


NY2267

Cat. No.:	HY-134975		
CAS No.:	886053-73-2		
Molecular Formula:	C ₃₈ H ₄₃ N ₃ O ₆		
Molecular Weight:	637.76		
Target:	c-Myc		
Pathway:	Apoptosis		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 250 mg/mL (392.00 mM; Need ultrasonic and warming)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	1.5680 mL	7.8399 mL	15.6799 mL
	5 mM	0.3136 mL	1.5680 mL	3.1360 mL
	10 mM	0.1568 mL	0.7840 mL	1.5680 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (3.26 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	NY2267 is a disruptor of Myc-Max interaction, with an IC ₅₀ of 36.5 μM. NY2267 inhibits Myc- and Jun-induced transcriptional activation ^[1] .
In Vitro	NY2267 strongly inhibits oncogenic transformation induced by Myc ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Yang Xu, et al. A credit-card library approach for disrupting protein-protein interactions. *Bioorg Med Chem.* 2006 Apr 15;14(8):2660-73.

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