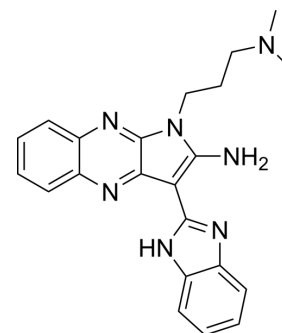


## INI-43

Cat. No.:	HY-121607		
CAS No.:	881046-01-1		
Molecular Formula:	C <sub>22</sub> H <sub>23</sub> N <sub>7</sub>		
Molecular Weight:	385.46		
Target:	AP-1		
Pathway:	Immunology/Inflammation		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 10 mg/mL (25.94 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5943 mL	12.9715 mL	25.9430 mL
	5 mM	0.5189 mL	2.5943 mL	5.1886 mL
	10 mM	0.2594 mL	1.2972 mL	2.5943 mL

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

### BIOLOGICAL ACTIVITY

#### Description

INI-43, a Kpnβ1 inhibitor, interferes with the nuclear localization of Kpnβ1 and known Kpnβ1 cargoes, NFAT, NFκB, AP-1 and NFY<sup>[1]</sup>.

### REFERENCES

[1]. F J Stanfield, et al. The antiviral activity of caprochlorone. Proc Soc Exp Biol Med. 1967 May;125(1):297-303.

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

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