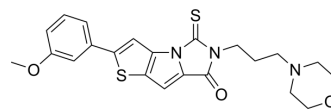


IW927

Cat. No.:	HY-118922		
CAS No.:	389142-48-7		
Molecular Formula:	C ₂₂ H ₂₃ N ₃ O ₃ S ₂		
Molecular Weight:	441.57		
Target:	TNF Receptor		
Pathway:	Apoptosis		
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 (22.65 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.2646 mL	11.3232 mL	22.6465 mL
5 mM	0.4529 mL	2.2646 mL	4.5293 mL
10 mM	0.2265 mL	1.1323 mL	2.2646 mL

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

BIOLOGICAL ACTIVITY

Description

IW927 is a potent small molecule antagonist that blocks the binding of TNF- α to TNFRc1 with an IC₅₀ value of 50 nM and disrupts TNF α -induced I κ B phosphorylation with an IC₅₀ value of 600 nM^[1].

REFERENCES

[1]. Percy H. Carter, et al. Photochemically enhanced binding of small molecules to the tumor necrosis factor receptor-1 inhibits the binding of TNF-alpha. Proc Natl Acad Sci U S A. 2001 Oct 9;98(21):11879-84.

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

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