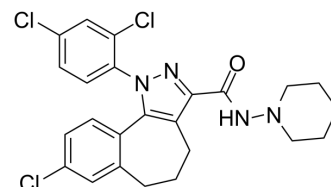


NESS 0327

Cat. No.:	HY-117139		
CAS No.:	494844-07-4		
Molecular Formula:	C ₂₄ H ₂₃ Cl ₃ N ₄ O		
Molecular Weight:	489.82		
Target:	Cannabinoid Receptor		
Pathway:	GPCR/G Protein; Neuronal Signaling		
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 : 9.7 mg/mL (19.80 mM; Need ultrasonic and warming)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.0416 mL	10.2078 mL	20.4157 mL
	5 mM	0.4083 mL	2.0416 mL	4.0831 mL
	10 mM	0.2042 mL	1.0208 mL	2.0416 mL

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

BIOLOGICAL ACTIVITY

Description

NESS 0327 is a cannabinoid antagonist with high selectivity for the cannabinoid CB1 receptor. NESS 0327 is more than 60,000-fold selective for the CB1 receptor^[1].

REFERENCES

[1]. Ruiu S, et al. Synthesis and characterization of NESS 0327: a novel putative antagonist of the CB1 cannabinoid receptor. J Pharmacol Exp Ther. 2003;306(1):363-370.

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

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