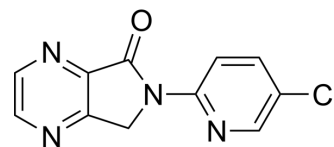


RP 48497

Cat. No.:	HY-135359		
CAS No.:	148891-53-6		
Molecular Formula:	C ₁₁ H ₇ ClN ₄ O		
Molecular Weight:	246.65		
Target:	Drug Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

RP 48497, an impurity of Eszopiclone, is a photodegradation product of Eszopiclone. Eszopiclone is a non-benzodiazepine agent used in the treatment of insomnia^[1].

In Vitro

RP 48497 is a non-chiral potential photodegradation product whose formation is caused by bright light^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Sha Y, et al. Synthesis of RP 48497, an impurity of eszopiclone. *Molecules*. 2008 Aug 22;13(8):1817-21.

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

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