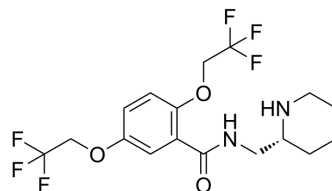


## R-(-)-Flecainide

<b>Cat. No.:</b>	HY-124883
<b>CAS No.:</b>	99495-90-6
<b>Molecular Formula:</b>	C <sub>17</sub> H <sub>20</sub> F <sub>6</sub> N <sub>2</sub> O <sub>3</sub>
<b>Molecular Weight:</b>	414.34
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	R-(-)-Flecainide is an orally active antiarrhythmic agent, which inhibits ventricular ectopic activity <sup>[1]</sup> .	
In Vivo	R-(-)-Flecainide inhibits chloroform-induced fibrillation (9-20 mg/kg, po, single dose) in mice model with an ED <sub>50</sub> of 14.5 mg/kg, and inhibits ouabain induced arrhythmias (1-3 mg/kg, ) in mongrel dog model, without toxicity <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	Animal Model:	Chloroform-induced ventricular fibrillation in mice <sup>[1]</sup>
	Dosage:	9-20 mg/kg
	Administration:	po, single dose
	Result:	Prevented fibrillation.
	Animal Model:	Ouabain induced ventricular tachycardia in mongrel dog <sup>[1]</sup>
	Dosage:	1-3 mg/kg
	Administration:	iv, single dose
	Result:	Inhibited arrhythmias.

### REFERENCES

[1]. Banitt EH, et al., Resolution of flecainide acetate, N-(2-piperidylmethyl)-2,5-bis(2,2,2-trifluoroethoxy)benzamide acetate, and antiarrhythmic properties of the enantiomers. J Med Chem. 1986 Feb;29(2):299-302.

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

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