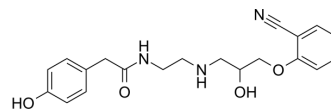


## Epanolol

Cat. No.:	HY-U00183
CAS No.:	86880-51-5
Molecular Formula:	C <sub>20</sub> H <sub>23</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	369.41
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Epanolol (Visacor; ICI141292) is a potent $\beta$ -adrenoceptor partial agonist with a greater affinity for $\beta$ <sub>1</sub> - than $\beta$ <sub>2</sub> -adrenoceptors.
IC <sub>50</sub> & Target	$\beta$ <sub>1</sub> adrenoceptor <sup>[1]</sup>
In Vitro	Epanolol is a novel anti-anginal agent which is a $\beta$ <sub>1</sub> -adrenoceptor partial agonist exhibiting selective $\beta$ <sub>1</sub> -adrenoceptor antagonist and selective $\beta$ <sub>1</sub> -adrenoceptor agonist activity <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Hosie J, et al. Pharmacokinetics of epanolol after acute and chronic oral dosing in elderly patients with stable angina pectoris. Br J Clin Pharmacol. 1990 Mar;29(3):333-7.

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

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