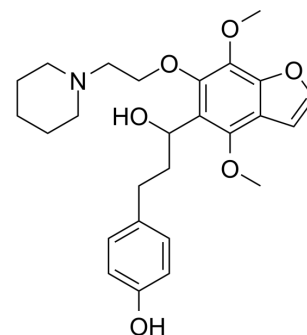


## Piprofurol

Cat. No.:	HY-114920
CAS No.:	40680-87-3
Molecular Formula:	C <sub>26</sub> H <sub>33</sub> NO <sub>6</sub>
Molecular Weight:	455.54
Target:	Calcium Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Piprofurol is a calcium channel inhibitor. Piprofurol inhibits the calcium-induced contractions in isolated potassium depolarized preparations of rat aorta in a concentration-dependent manner and relaxes the K <sup>+</sup> -induced contraction of the dog coronary artery and the rabbit basilar artery. Piprofurol exerts a negative inotropic effect on guinea-pig papillary muscle, with the EC <sub>50</sub> of 5 μM <sup>[1]</sup> .
IC <sub>50</sub> & Target	5 μM(guinea-pig papillary muscle) <sup>[1]</sup>

### REFERENCES

[1]. Pourrias B, et al. Calcium blocking properties of piprofurol. Arch Int Pharmacodyn Ther. 1985;274(2):223-239.

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

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