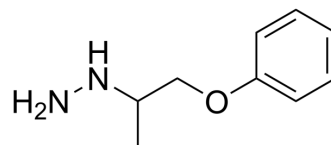


## Phenoxypropazine

Cat. No.:	HY-148146
CAS No.:	3818-37-9
Molecular Formula:	C <sub>9</sub> H <sub>14</sub> N <sub>2</sub> O
Molecular Weight:	166.22
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Phenoxypropazine is a potent monoamine oxidase (MAO) inhibitor. Phenoxypropazine can be used in research of depression [1].	
<b>In Vivo</b>	Phenoxypropazine (32 mg/kg; i.h.) has sedation effect in LAC grey mice <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	Animal Model:	LAC grey mice (5-6 weeks age) <sup>[1]</sup>
	Dosage:	32 mg/kg
	Administration:	Subcutaneous injection; once
	Result:	Had sedation effect in LAC grey mice.

### REFERENCES

[1]. Davis RA, et, al. Effects of reserpine pre-treatment on the protective action of amphetamine and phenoxypropazine in the phenylbenzoquinone-induced writhing syndrome in mice. Nature. 1964 Jan 18;201:306-7.

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

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