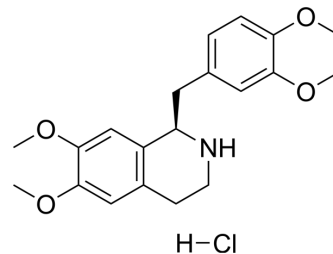


## (R)-Tetrahydropapaverine hydrochloride

Cat. No.:	HY-N0137A		
CAS No.:	54417-53-7		
Molecular Formula:	C <sub>20</sub> H <sub>26</sub> ClNO <sub>4</sub>		
Molecular Weight:	379.88		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

#### Description

(R)-Tetrahydropapaverine hydrochloride is the isomer of Tetrahydropapaverine hydrochloride (HY-N0137), and can be used as an experimental control. Tetrahydropapaverine hydrochloride is one of the Tetrahydroisoquinolines. Tetrahydropapaverine hydrochloride has neurotoxic effects on dopamine neurons<sup>[1][2]</sup>.

### REFERENCES

- [1]. Koshimura I, et al. Dimethoxyphenylethylamine and tetrahydropapaverine are toxic to the nigrostriatal system. Brain Res. 1997 Oct 31;773(1-2):108-16.
- [2]. Kim EI, et al. Inhibitory effects of tetrahydropapaverine on serotonin biosynthesis in murine mastocytoma P815 cells. Life Sci. 2004 Sep 3;75(16):1949-57.

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

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