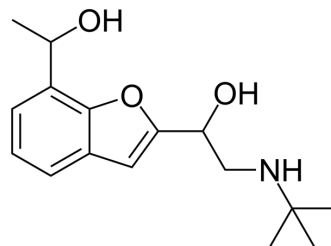


## 1'-Hydroxy bufuralol

Cat. No.:	HY-122277
CAS No.:	57704-16-2
Molecular Formula:	C <sub>16</sub> H <sub>23</sub> NO <sub>3</sub>
Molecular Weight:	277.36
Target:	Cytochrome P450
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### BIOLOGICAL ACTIVITY

Description	1'-Hydroxy bufuralol, the main metabolite of bufuralol, can reflect CYP2D activity <sup>[1]</sup> .
IC <sub>50</sub> & Target	CYP2

### REFERENCES

- [1]. Evangelos P Daskalopoulos, et al. D<sub>2</sub>-dopaminergic receptor-linked pathways: critical regulators of CYP3A, CYP2C, and CYP2D. *Mol Pharmacol.* 2012 Oct;82(4):668-78.
- [2]. H Yamazaki, et al. Bufuralol hydroxylation by cytochrome P450 2D6 and 1A2 enzymes in human liver microsomes. *Mol Pharmacol.* 1994 Sep;46(3):568-77.

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

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