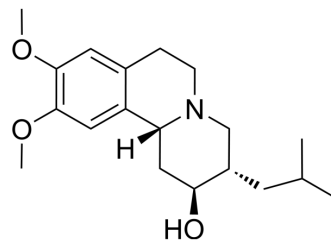


## Trans (2,3)-Dihydrötetrabenazine

Cat. No.:	HY-15793A
CAS No.:	171598-74-6
Molecular Formula:	C <sub>19</sub> H <sub>29</sub> NO <sub>3</sub>
Molecular Weight:	319.44
Target:	Drug Metabolite; Monoamine Transporter
Pathway:	Metabolic Enzyme/Protease; Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Trans (2,3)-Dihydrötetrabenazine ((2R,3R,11bR)-rel-Dihydrötetrabenazine), a metabolite of Tetrabenazine, shows remarkable inhibition activity on vesicular monoamine transporter (VMAT2)<sup>[1]</sup>.

### REFERENCES

[1]. Kilbourn M, et al. Binding of alpha-dihydrötetrabenazine to the vesicular monoamine transporter is stereospecific. *Eur J Pharmacol.* 1995 May 24;278(3):249-52.

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

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