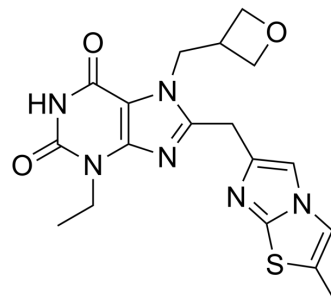


## TPT-004

Cat. No.:	HY-157014
Molecular Formula:	C <sub>18</sub> H <sub>20</sub> N <sub>6</sub> O <sub>3</sub> S
Molecular Weight:	400.45
Target:	Tryptophan Hydroxylase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

TPT-004 is a TPH inhibitor. TPT-004 has superior pharmacokinetic and pharmacodynamic properties. TPT-004 also has good efficacy in preclinical models of peripheral serotonin attenuation and colorectal tumor growth<sup>[1]</sup>.

## REFERENCES

[1]. Specker E, et al. Structure-Based Design of Xanthine-Imidazopyridines and -Imidazothiazoles as Highly Potent and In Vivo Efficacious Tryptophan Hydroxylase Inhibitors. *J Med Chem.* 2023 Oct 31.

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

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