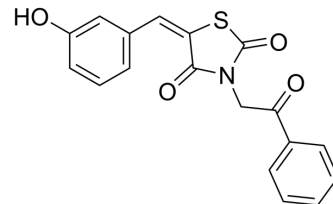


## TZ30

Cat. No.:	HY-155822
Molecular Formula:	C <sub>18</sub> H <sub>13</sub> NO <sub>4</sub> S
Molecular Weight:	339.37
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

TZ30 (compound TZ30) is an anticholinergic agent with neuroprotective effects. TZ30 (2 mg/kg, 4 mg/kg) can improve memory impairment and cognitive decline in rats in the Scopolamine (HY-N0296)-induced Alzheimer-type model. TZ30 could be used in Alzheimer's research<sup>[1]</sup>.

## REFERENCES

[1]. Taheri M, et al. Neuroprotective Effect of Thiazolidine-2,4-dione Derivatives on Memory Deficits and Neuropathological Symptoms of Dementia on a Scopolamine-Induced Alzheimer's Model in Adult Male Wistar Rats. ACS Chem Neurosci. 2023 Sep 6;14(17):3156-3172..

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

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