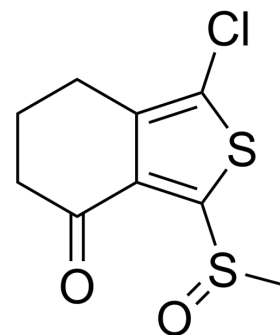


## TPNA10168

Cat. No.:	HY-W505984
CAS No.:	957942-34-6
Molecular Formula:	C <sub>9</sub> H <sub>9</sub> ClO <sub>2</sub> S <sub>2</sub>
Molecular Weight:	248.75
Target:	Keap1-Nrf2
Pathway:	NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

TPNA10168 is an Nrf-2 activator that activates the Keap1-Nrf2-ARE pathway. TPNA10168 is neuroprotective against oxidative stress-induced damage. TPNA10168 significantly reduces the transcription of inflammatory genes, including TNF-α, IL-1β, IL-6, and iNOS. TPNA10168 can be used in research on anti-inflammatory and neurological diseases<sup>[1]</sup>.

## REFERENCES

[1]. Izumi Y, et al. TPNA10168, an Nrf-2 activator, attenuates inflammatory responses independently of Nrf2 in microglial BV-2 cells: Involvement of the extracellular-signal-regulated kinase pathway. *J Pharmacol Sci.* 2022 May;149(1):1-10.

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

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