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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Cell Viability Assay^[3]

| | |
|------------------|---|
| Cell Line: | HT22 cells |
| Concentration: | 2.5, 5, 10, or 20 μ M |
| Incubation Time: | 24 h |
| Result: | Did not show significant cytotoxicity at Seratrodast concentrations below 10 μ M after 2 or 24 h. Prevented cell death in HT22 cells induced by ferroptosis inducer. |

In Vivo

Seratrodast (3, 9, 20 mg/kg; po; pre-treated, once daily for 5 days) inhibits neuronal ferroptosis in the pentylenetetrazole-induced mouse epilepsy model, thereby reducing epileptic seizure^[3].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Int J Mol Sci. 2021, 22(7), 3323.
- Rheinische Friedrich-Wilhelms-Universität Bonn. 2023 May 31.
- Biomed Res Int. 2022 Sep 20;2022:8265898.
- Research Square Preprint. 2021 Mar.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Ashida, Y., et al., A novel anti-asthmatic quinone derivative, AA-2414 with a potent antagonistic activity against a variety of spasmogenic prostanoids. Prostaglandins, 1989. 38(1): p. 91-112.
- [2]. Walsh, et al. Killian, AA-2414, an antioxidant and thromboxane receptor blocker, completely inhibits peroxide-induced vasoconstriction in the human placenta. J Pharmacol Exp Ther, 1999. 290(1): p. 220-6.
- [3]. Hao Y, et al. Seratrodast, a thromboxane A2 receptor antagonist, inhibits neuronal ferroptosis by promoting GPX4 expression and suppressing JNK phosphorylation. Brain Res. 2022 Nov 15;1795:148073.

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

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