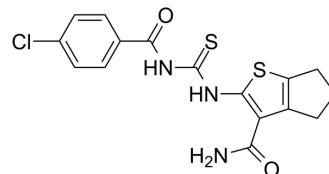


ANO1-IN-2

Cat. No.:	HY-146321
CAS No.:	637314-12-6
Molecular Formula:	C ₁₆ H ₁₄ ClN ₃ O ₂ S ₂
Molecular Weight:	379.88
Target:	Chloride Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ANO1-IN-2 (Compound 10q) is a selective ANO1 channel blocker with an IC ₅₀ of 1.75 μM and 7.43 μM against ANO1 and ANO2, respectively. ANO1-IN-2 suppresses strongly proliferation of glioblastoma cells ^[1] .
IC₅₀ & Target	IC ₅₀ : 1.75 μM (ANO1), 7.43 μM (ANO2) ^[1]
In Vitro	ANO1-IN-2 (Compound 10q) (10 μM) significantly suppresses migration and invasion of U251 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Choi SH, et al. Anti-glioma effects of 2-aminothiophene-3-carboxamide derivatives, ANO1 channel blockers. Eur J Med Chem. 2020 Dec 15;208:112688.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA