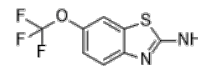


Product Name : Riluzole
Cat. No. : PC-24489
CAS No. : 1744-22-5
Molecular Formula : C₈H₅F₃N₂OS
Molecular Weight : 234.20
Target : iGluR
Solubility : 10 mM in DMSO



Biological Activity

Riluzole is an anticonvulsant agent and N-methyl-D-aspartate (NMDA) glutamate receptor blocker, also is a TPC2 activator, also inhibited Kv4.2, Kv4.2/DPP6, and Kv4.2/KChIP2c channels in a voltage-independent manner, also binds to the C-terminal domain of SARS-CoV-2 nucleocapsid protein and has antiviral activity.

References

- He Y, et al. Neuropharmacology. 2002 Feb;42(2):199-209.
Delgado-Ramírez M, et al. Eur J Pharmacol. 2025 Jan 5;986:177146.
Márquez-Moñino MÁ, et al. Structure. 2025 Jan 2;33(1):39-50.e6.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com