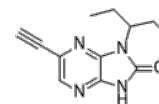


Product Name : Tirasemtiv
Cat. No. : PC-23227
CAS No. : 1005491-05-3
Molecular Formula : C₁₂H₁₄N₄O
Molecular Weight : 230.27
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Tirasemtiv (CK-2017357) is the first activator of **fast skeletal muscle troponin** with AC40 of 0.1 μ M in in myofibril ATPase activity assays, shows potential for the treatment of amyotrophic lateral sclerosis.

References

Lutz AK, et al. *Sci Transl Med*. 2020 Jun 10;12(547):eaaz3267.

Collibee SE, et al. *ACS Med Chem Lett*. 2018 Feb 13;9(4):354-358.

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

E-mail: tech@probechem.com