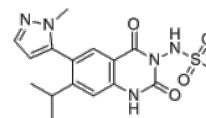


Product Name : Selurampanel
Cat. No. : PC-61712
CAS No. : 912574-69-7
Molecular Formula : C₁₆H₁₉N₅O₄S
Molecular Weight : 377.418
Target : iGluR
Solubility : 10 mM in DMSO



Biological Activity

Selurampanel (BGG 492) is a selective, orally active and competitive AMPA receptor (**AMPA**) antagonist with IC₅₀ of 0.19 μM.

Selurampanel (BGG 492) displays >100-fold selectivity over NMDA and kainate receptors.

Selurampanel (BGG 492) demonstrates excellent oral potency against MES-induced generalized tonic-clonic seizures in rodents as well as significant activity in patients suffering from various forms of epilepsy.

References

Orain D, et al. ChemMedChem. 2017 Feb 3;12(3):197-201.

Kasteleijn-Nolst Trenité D, et al. Epilepsia. 2015 Jun;56(6):924-32.

Faught E. Expert Opin Investig Drugs. 2014 Jan;23(1):107-13.

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

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