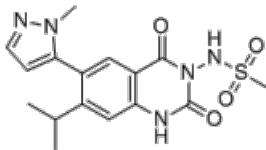


Product Name	: Selurampanel	
Synonyms	: BGG 492	
Cat No.	: M16551	
CAS Number	: 912574-69-7	
Molecular Formula	: C ₁₆ H ₁₉ N ₅ O ₄ S	
Formula Weight	: 377.42	
Chemical Name	N-(7-isopropyl-6-(1-methyl-1H-pyrazol-5-yl)-2,4-dioxo-1,4-dihydroquinazolin-3(2H)-yl)methanesulfonamide	
Description	Selurampanel (BGG 492) is a selective, orally active and competitive AMPA receptor (AMPA) antagonist with IC ₅₀ of 0.19 μM; displays >100-fold selectivity over NMDA and kainate receptors; 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. Epilepsy Discontinued	
Pathway	: Membrane Transporter/Ion Channel	
Target	: iGluR	
Receptor	: iGluR	
Solubility	: —	
SMILES	: <chem>CS(=O)(NN1C(NC2=C(C=C(C3=CC=NN3C)C(C(C)C)=C2)C1=O)=O)=O</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Orain D, et al. ChemMedChem. 2017 Feb 3;12(3):197-201. | 2. Kasteleijn-Nolst Trenité D, et al. Epilepsia. 2015 Jun;56(6):924-32. | 3. Faught E. Expert Opin Investig Drugs. 2014 Jan;23(1):107-13.