

Product Name	: Tulrampator
Synonyms	: S 47445; CX 1632
Cat No.	: M10197
CAS Number	: 1038984-31-4
Molecular Formula	: C ₂₀ H ₁₇ FN ₄ O ₃
Formula Weight	: 380.38
Chemical Name	: 8-cyclopropyl-3-[2-(3-fluorophenyl)ethyl]-7,8-dihydro-3H-[1,3]oxazino[6,5-g][1,2,3]benzotriazine-4,9-dione
Description	Tulrampator (S 47445; CX 1632) is a novel potent, selective, positive allosteric modulator of AMPA receptor (AMPA) with EC ₅₀ of 2.5-5.4 uM for different AMPA receptors subtypes (GluA1/2/4 flip and flop variants); exhibits procognitive and potential neuroprotective properties in vivo. Alzheimer Disease Phase 2 Clinical
Pathway	: Membrane Transporter/Ion Channel
Target	: iGluR
Receptor	: iGluR
Solubility	: DMSO : 21.67 mg/mL 56.97 mM;
SMILES	: <chem>O=C1N(CCC2=CC=CC(F)=C2)N=NC3=CC4=C(OCN(C5CC5)C4=O)C=C13</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Calabrese F, et al. Pharmacol Res. 2017 Jul;121:59-69. | 2. Giralto A, et al. Neuropharmacology. 2017 Sep 1;123:395-409. | 3. Bretin S, et al. PLoS One. 2017 Sep 8;12(9):e0184429.

