

Product Name	: Valiglurax
Synonyms	: —
Cat No.	: M34729
CAS Number	: 1976050-09-5
Molecular Formula	: C ₁₆ H ₁₀ F ₃ N ₅
Formula Weight	: 329.28
Chemical Name	: —
Description	Valiglurax (VU0652957) is a potent, orally active and selective mGlu4 positive allosteric modulator with EC ₅₀ values of 64.6 nM and 197 nM for hmGlu4/Gq15 and rmGlu4 GIRK, respectively. Valiglurax is a central nervous system (CNS) penetrant. Valiglurax can be used in research of Parkinson's disease.
Pathway	: Neuroscience
Target	: GluR
Receptor	: GluR
Solubility	: In Vitro: ?DMSO : 83.33 mg/mL (253.07 mM; Ultrasonic (<60°C)
SMILES	: <chem>C(F)(F)(F)C=1C2=C(C=C(NC=3C=4C(NN3)=NC=CC4)C=C2)C=CN1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Panarese JD, et, al. Discovery of VU2957 (Valiglurax): An mGlu4 Positive Allosteric Modulator Evaluated as a Preclinical Candidate for the Treatment of Parkinson's Disease. ACS Med Chem Lett. 2018 Oct 16;10(3):255-260.