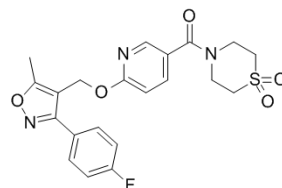


Product Name	: Basmisanil
Synonyms	: RG-1662; RO5-186582
Cat No.	: M10552
CAS Number	: 1159600-41-5
Molecular Formula	: C ₂₁ H ₂₀ FN ₃ O ₅ S
Formula Weight	: 445.46
Chemical Name	: Methanone, (1,1-dioxido-4-thiomorpholinyl)[6-[[3-(4-fluorophenyl)-5-methyl-4-isoxazolyl]methoxy]-3-pyridinyl]-
Description	: A novel selective negative allosteric modulator of the GABAA receptor α5-subtype, which is under development for the treatment of cognitive impairment associated with Down syndrome. Schizophrenia Phase 2 Clinical
Pathway	: Membrane Transporter/Ion Channel
Target	: GAT
Receptor	: GAT
Solubility	: DMSO: ≥ 32 mg/mL
SMILES	: <chem>O=C(N1CCS(CC1)(=O)=O)C2=CC=C(OCC3=C(C)ON=C3C4=CC=C(F)C=C4)N=C2</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Myers JF, et al. J Cereb Blood Flow Metab. 2017 Jun;37(6):2137-2148. | 2. Costa AC, et al. CNS Drugs. 2013 Sep;27(9):679-702.