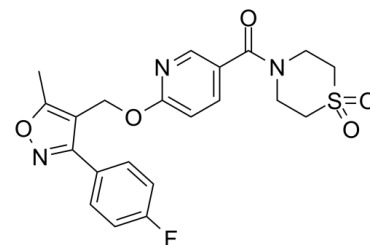


Data Sheet

Product Name:	Basmisanil
Cat. No.:	CS-6046
CAS No.:	1159600-41-5
Molecular Formula:	C ₂₁ H ₂₀ FN ₃ O ₅ S
Molecular Weight:	445.46
Target:	GABA Receptor
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Solubility:	DMSO : ≥ 32 mg/mL (71.84 mM)



BIOLOGICAL ACTIVITY:

Basmisanil is a highly selective **GABAA α 5** negative allosteric modulator.

References:

[1]. Myers JF, et al. Quantification of [¹¹C]Ro15-4513 GABAA α 5 specific binding and regional selectivity in humans. J Cereb Blood Flow Metab. 2016 Jul 27

CAIndexNames:

Methanone, (1,1-dioxido-4-thiomorpholinyl)[6-[[3-(4-fluorophenyl)-5-methyl-4-isoxazolyl]methoxy]-3-pyridinyl]-

SMILES:

O=C(N1CCS(CC1)(=O)=O)C2=CC=C(OCC3=C(C)ON=C3C4=CC=C(F)C=C4)N=C2

Caution: Product has not been fully validated for medical applications. For research use only.

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