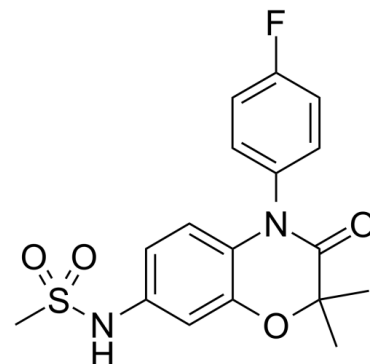


Data Sheet

Product Name:	Apararenone
Cat. No.:	CS-0030433
CAS No.:	945966-46-1
Molecular Formula:	C ₁₇ H ₁₇ FN ₂ O ₄ S
Molecular Weight:	364.39
Target:	Mineralocorticoid Receptor
Pathway:	Metabolic Enzyme/Protease
Solubility:	DMSO : ≥ 125 mg/mL (343.04 mM)



BIOLOGICAL ACTIVITY:

Apararenone (MT-3995) is a novel non-steroidal **mineralocorticoid receptor** antagonists under development for the treatment of diabetic nephropathies and non-alcoholic steatohepatitis. IC₅₀ & Target: Mineralocorticoid receptor^[1] **In Vivo:** Recently, a phase II clinical trial has been initiated among patients with non-alcoholic steatohepatitis (NASH) in Japan^[1].

References:

[1]. Kolkhof P, et al. 30 YEARS OF THE MINERALOCORTICOID RECEPTOR: Mineralocorticoid receptor antagonists: 60 years of research and development. J Endocrinol. 2017 Jul;234(1):T125-T140.

CAIndexNames:

Methanesulfonamide, N-[4-(4-fluorophenyl)-3,4-dihydro-2,2-dimethyl-3-oxo-2H-1,4-benzoxazin-7-yl]-

SMILES:

O=C1N(C2=CC=C(F)C=C2)C3=CC=C(NS(C)(=O)=O)C=C3OC1(C)C

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

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