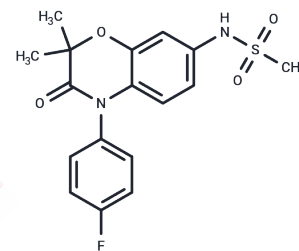


## Apararenone

## Chemical Properties

CAS No. :	945966-46-1
Formula:	C <sub>17</sub> H <sub>17</sub> FN <sub>2</sub> O <sub>4</sub> S
Molecular Weight:	364.39
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Apararenone (MT-3995) is a mineralocorticoid receptor antagonist indicated for the treatment of non-alcoholic steatohepatitis and diabetic nephropathy.
Targets(IC50)	Glucocorticoid Receptor

## Solubility Information

Solubility	DMSO: 125 mg/mL (343.04 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7443 mL	13.7216 mL	27.4431 mL
5 mM	0.5489 mL	2.7443 mL	5.4886 mL
10 mM	0.2744 mL	1.3722 mL	2.7443 mL
50 mM	0.0549 mL	0.2744 mL	0.5489 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

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.

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