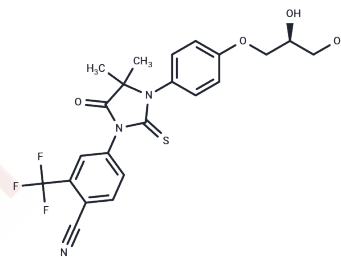


## Rezvilutamide

## Chemical Properties

CAS No. :	1572045-62-5
Formula:	C22H20F3N3O4S
Molecular Weight:	479.47
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



## Biological Description

Description	Rezvilutamide (SHR3680) is an orally available androgen receptor inhibitor that crosses the blood-brain barrier and has antitumor activity. Rezvilutamide (SHR3680) is used in the study of metastatic desmoplasia-resistant prostate cancer.
Targets(IC50)	Androgen Receptor

## Solubility Information

Solubility	DMSO: 80 mg/mL (166.85 mM), Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.3 mg/mL (6.88 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0856 mL	10.4282 mL	20.8564 mL
5 mM	0.4171 mL	2.0856 mL	4.1713 mL
10 mM	0.2086 mL	1.0428 mL	2.0856 mL
50 mM	0.0417 mL	0.2086 mL	0.4171 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

Veronica Mollica, et al. Molecular Mechanisms Related to Hormone Inhibition Resistance in Prostate Cancer. Cells. 2019 Jan 11;8(1):43.

SangjunYoo, et al. New drugs in prostate cancer. Prostate International Volume 4, Issue 2, June 2016, Pages 37-42.

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