

## Camizestrant TFA

## Chemical Properties

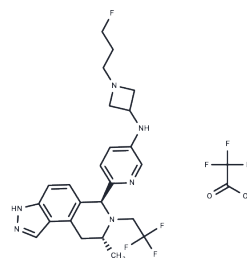
CAS No. :

Formula: C<sub>26</sub>H<sub>29</sub>F<sub>7</sub>N<sub>6</sub>O<sub>2</sub>

Molecular Weight: 590.54

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Camizestrant TFA (AZD-9833 TFA) is a potent and orally active antagonist of estrogen receptor (ER).
Targets(IC50)	Estrogen Receptor/ERR
In vivo	Camizestrant TFA (oral administration; 0.2-50 mg/kg; 20 days) shows anti-tumour efficacy in human parental MCF7 mice xenograft. Camizestrant TFA (oral administration; 0.8-40 mg/kg; 30 days) decreases tumor growth. Camizestrant TFA gives almost complete tumour growth inhibition at the doses >10 mg/kg in mice[1].

## Solubility Information

Solubility	DMSO: 70 mg/mL (118.54 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	1.6934 mL	8.4668 mL	16.9337 mL
5 mM	0.3387 mL	1.6934 mL	3.3867 mL
10 mM	0.1693 mL	0.8467 mL	1.6934 mL
50 mM	0.0339 mL	0.1693 mL	0.3387 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

Bernard Christophe Barlaam, etal. Chemical compounds. Patent US20180111931.

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