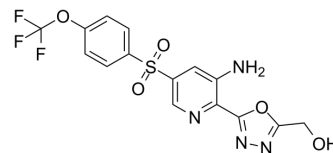


## Navocaftor

Cat. No.:	HY-109152		
CAS No.:	2159103-66-7		
Molecular Formula:	C <sub>15</sub> H <sub>11</sub> F <sub>3</sub> N <sub>4</sub> O <sub>5</sub> S		
Molecular Weight:	416.33		
Target:	CFTR		
Pathway:	Membrane Transporter/Ion Channel		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

In Vitro	DMSO : < 1 mg/mL (ultrasonic) (insoluble or slightly soluble)
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 1.67 mg/mL (4.01 mM); Suspended solution; Need ultrasonic
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.67 mg/mL (4.01 mM); Clear solution

### BIOLOGICAL ACTIVITY

Description	Navocaftor (GLPG 3067), as a cystic fibrosis transmembrane regulator (CFTR), is a protein modulator (US 20200377491 A1, example 1) <sup>[1]</sup> .
IC <sub>50</sub> & Target	CFTR <sup>[1]</sup>
In Vitro	Navocaftor, as a cystic fibrosis transmembrane regulator (CFTR), is a protein modulator <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. US 20200377491 A1

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

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