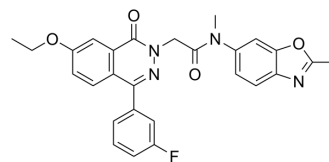


CFTR corrector 2

Cat. No.:	HY-125381		
CAS No.:	1628416-28-3		
Molecular Formula:	C ₂₇ H ₂₃ FN ₄ O ₄		
Molecular Weight:	486		
Target:	CFTR; Autophagy		
Pathway:	Membrane Transporter/Ion Channel; Autophagy		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 62.5 mg/mL (128.60 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
1 mM		2.0576 mL	10.2881 mL	20.5761 mL
5 mM		0.4115 mL	2.0576 mL	4.1152 mL
10 mM		0.2058 mL	1.0288 mL	2.0576 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description	CFTR corrector 2 is a cystic fibrosis transmembrane conductance corrector (CFTR), extracted from patent US20140274933 ^[1] .
IC₅₀ & Target	CFTR ^[1] .

REFERENCES

[1]. Bridget M. Cole, et al. PHTHALAZINONE COMPOUNDS AND METHODS FOR THE TREATMENT OF CYSTIC FIBROSIS. US20140274933.

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

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