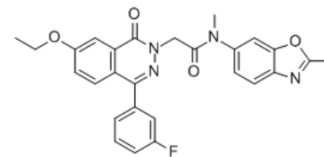


CFTR corrector 2

Cat. No.:	HY-125381
CAS No.:	1628416-28-3
Molecular Formula:	C ₂₇ H ₂₃ FN ₄ O ₄
Molecular Weight:	486.49
Target:	CFTR
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the COA.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 62.5 mg/mL (128.47 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
1 mM		2.0555 mL	10.2777 mL	20.5554 mL
5 mM		0.4111 mL	2.0555 mL	4.1111 mL
10 mM		0.2056 mL	1.0278 mL	2.0555 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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