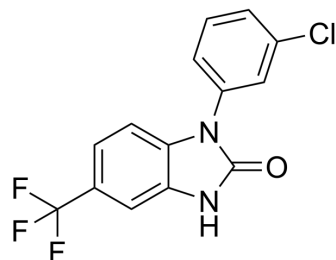


UCCF-853

Cat. No.:	HY-119179		
CAS No.:	625458-06-2		
Molecular Formula:	C ₁₄ H ₈ ClF ₃ N ₂ O		
Molecular Weight:	312.67		
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 : ≥ 125 mg/mL (399.78 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent	1 mg	5 mg	10 mg
	Concentration	Mass	Mass	Mass
1 mM		3.1983 mL	15.9913 mL	31.9826 mL
5 mM		0.6397 mL	3.1983 mL	6.3965 mL
10 mM		0.3198 mL	1.5991 mL	3.1983 mL

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

BIOLOGICAL ACTIVITY

Description

UCCF-853 is a CFTR modulator^[1].

REFERENCES

[1]. Nicoletta Pedemonte, et al. Influence of cell background on pharmacological rescue of mutant CFTR. Am J Physiol Cell Physiol. 2010 Apr;298(4):C866-74.

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

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