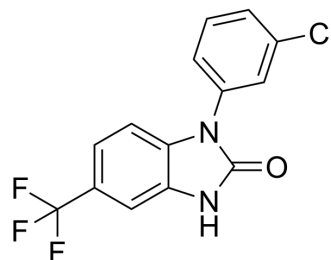


## UCCF-853

**Cat. No.:** HY-119179  
**CAS No.:** 625458-06-2  
**Molecular Formula:** C<sub>14</sub>H<sub>8</sub>ClF<sub>3</sub>N<sub>2</sub>O  
**Molecular Weight:** 312.67  
**Target:** CFTR  
**Pathway:** Membrane Transporter/Ion Channel  
**Storage:** Please store the product under the recommended conditions in the Certificate of Analysis.



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 125 mg/mL (399.78 mM)  
 \* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	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<sup>[1]</sup>.

### 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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