



## Certificate of Analysis

Product Name	Ivacaftor (VX-770)
Catalog No.	V1689
Batch No.	V168901

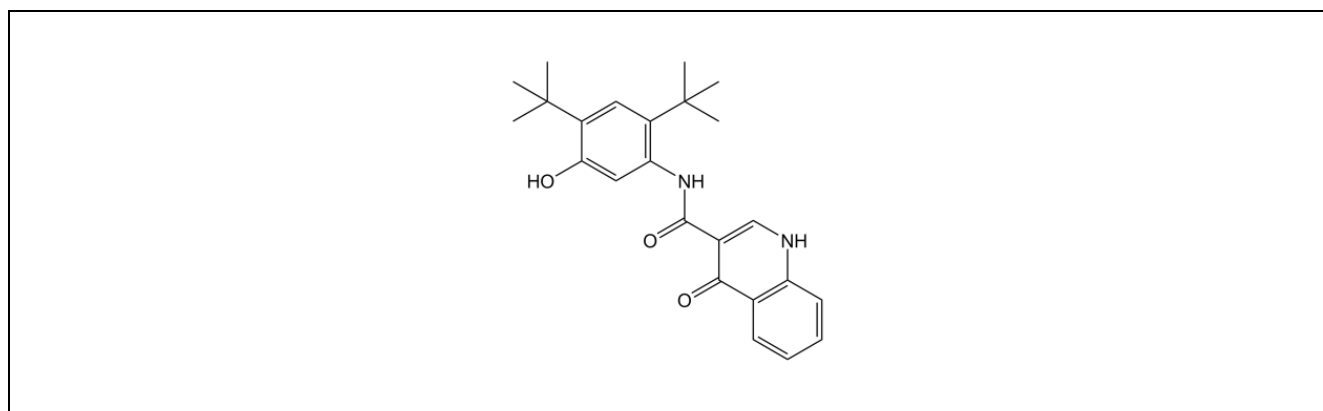
### 1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	C <sub>24</sub> H <sub>28</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight	392.49
Purity	≥98%
CAS No.	873054-44-5
Production Date	10/20/2020

### 2. Analytical Data

HPLC	Indicates ≥98% purity
NMR	Consistent with structure
Mass Spectrum	Consistent with structure

### 3. Structure



### 4. Storage Condition

Short term storage (weeks)	0 - 4 °C under dry condition for six weeks
Long term storage (months)	-20 °C under dry condition for two years

Products are for research use only • Not for human or veterinary use