

CERTIFICATE OF ANALYSIS

Ivacaftor (VX-770)

[**Catalog No.**] CFN60053

[**CAS No.**] 873054-44-5

[**Purity**] $\geq 98\%$

[**M.F**] $C_{24}H_{28}N_2O_3$

[**Physical Description**] Powder

[**Solvent**] Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

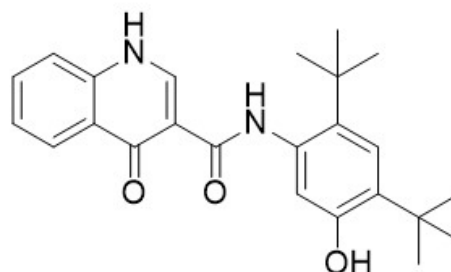
[**Weight**] 5mg

[**Lot No.**] CFS202301

[**Storage**] Protected from air and light, refrigerate or freeze(2-8 °C)

[**Intended Use**] For laboratory use only

[**Shelf Life**] 2 years



[**Chemical Structure**]

[**Characterization Data Summary**]

Analytical Test	Results
Identification by $^1\text{H-NMR}$	Consistent with the above structure
Purity tested	$\geq 98\%$

Authorized Signature:

Date: