

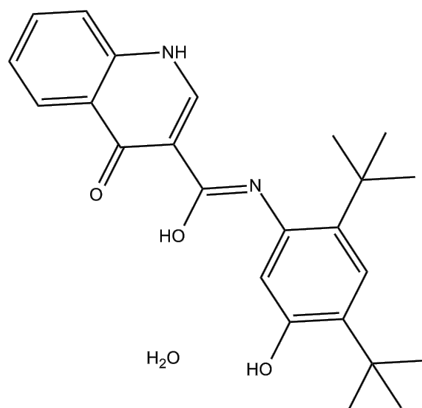
Certificate of Analysis

Product Name: Ivacaftor hydrate
Cat. No.: GC13316
Batch No.: 2
Chemical Name: (Z)-N-(2,4-di-tert-butyl-5-hydroxyphenyl)-4-oxo-1,4-dihydroquinoline-3-carbimidic acid hydrate

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 1134822-07-3
Molecular Formula: $C_{24}H_{30}N_2O_4$
Molecular Weight: 410.51
Storage: Store at $-20^{\circ}C$

Chemical Structure:



ANALYTICAL DATA

Appearance: A solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >99.00%
Conclusion: The product has been tested and complies with the given specifications.

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

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