

Certificate of Analysis

Dovitinib-RIBOTAC

Cat. No.: HY-139682 CAS No .: 2759351-68-1 Batch No.: 269112

Chemical Name: 3-Thiophenecarboxylic acid, 5-[[4-[[16-[4-[2-(4-amino-5-fluoro-1,2-dihydro-2-oxo-3-quinolinyl]-1

H-benzimidazol-6-yl]-1-piperazinyl]-13-oxo-3,6,9-trioxa-12,14-diazahexadec-1-yl]oxy]-3-hydroxy

phenyl]methylene]-4,5-dihydro-4-oxo-2-(phenylamino)-, ethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

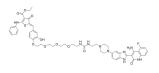
Molecular Formula: $C_{51}H_{56}FN_9O_{10}S$

Molecular Weight: 1006.11

Storage: -20°C, protect from light, stored under nitrogen

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

Chemical Structure:



ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (HPLC): 98.93%

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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