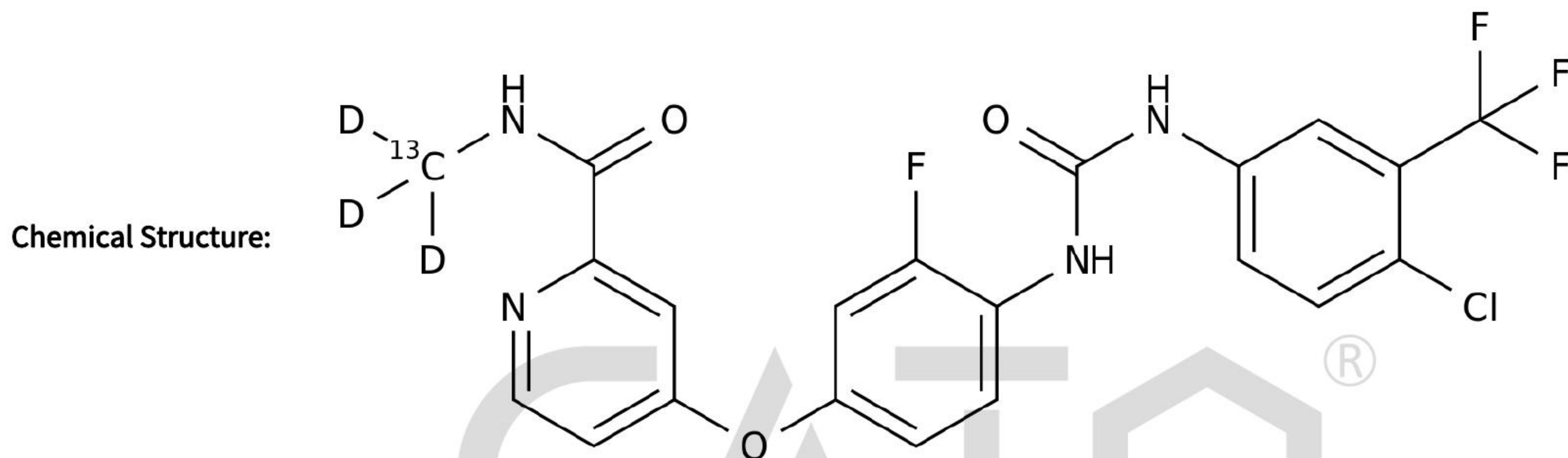


Certificate of Analysis

Reference Material

Product Name:	Regorafenib-13C-d3	Catalogue Number:	C4X-104725
Chemical Name:	N/A	Lot Number:	0426-RD-0042
CAS Number:	755037-03-7 (non-labelled)	Expiry Date:	Mar 07, 2025
Molecular Formula:	C20[13C]H12D3ClF4N4O3	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	486.83		



Test Items	Method	Results
Appearance	Visual inspection	Pink Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	HPLC	98.3%
Isotopic Purity	Isotopic Purity	99.5% D; 99.0% 13C
Residual Solvents	NMR	0.1% methanol and 0.2% dichloromethane
Assay	qNMR	96.7%

Comment:

Assay was determined by quantitative 1H-NMR.

Signature:

Prepared by:

Hinlam

Reviewed by:

Cady

Aporoved by General manager

David

Date: Mar 08, 2022

Date: Apr 27, 2022

Date: Apr 27, 2022

