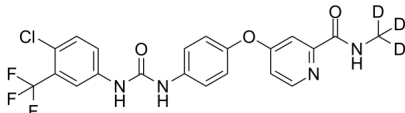


## Certificate of Analysis

Catalog Number	BP10157
Product Name	Sorafenib-d3

## Physical and Chemical Properties

Synonyms	Sorafenib (D3), Bay 43-9006 (D3)
CAS No.	1130115-44-4
Chemical Formula	C <sub>21</sub> H <sub>16</sub> ClF <sub>3</sub> N <sub>4</sub> O <sub>3</sub>
Molecular Weight	467.84
Solubility	DMSO: 90 mg/mL ( 192.4mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	Sorafenib-d3 is a deuterium-labeled Sorafenib which is a multikinase inhibitor(IC <sub>50</sub> s: 6 nM, 20 nM, and 22 nM for Raf-1, B-Raf, and VEGFR-3, respectively).
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## Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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