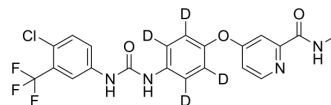


Sorafenib-d₄

| | |
|--------------------|-----------------------------------------------------------------------------------------------|
| Cat. No.: | HY-10201S1 |
| CAS No.: | 1207560-07-3 |
| Molecular Formula: | C ₂₁ H ₁₂ D ₄ ClF ₃ N ₄ O ₃ |
| Molecular Weight: | 468.85 |
| Target: | Raf; Ferroptosis; VEGFR; FLT3; Autophagy; Apoptosis |
| Pathway: | MAPK/ERK Pathway; Apoptosis; Protein Tyrosine Kinase/RTK; Autophagy |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Sorafenib-d₄ is the deuterium labeled Sorafenib. Sorafenib is a multikinase inhibitor IC₅₀s of 6 nM, 20 nM, and 22 nM for Raf-1, B-Raf, and VEGFR-3, respectively.

REFERENCES

[1]. Wilhelm SM, et al. BAY 43-9006 exhibits broad spectrum oral antitumor activity and targets the RAF/MEK/ERK pathway and receptor tyrosine kinases involved in tumor progression and angiogenesis. *Cancer Res.* 2004 Oct 1;64(19):7099-109.

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

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