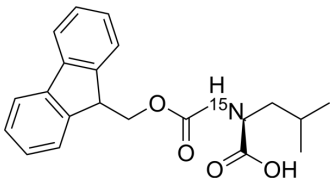
Fmoc-leucine-^{15}N

Cat. No.:	HY-101064S4
CAS No.:	200937-57-1
Molecular Formula:	$C_{21}H_{23}{}^{15}NO_4$
Molecular Weight:	354.41
Target:	Enterovirus; Topoisomerase; SARS-CoV; HCV; Isotope-Labeled Compounds
Pathway:	Anti-infection; Cell Cycle/DNA Damage; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Fmoc-leucine-^{15}N is a ^{15}N-labeled and ^{13}C-labled EIDD-1931. EIDD-1931 (Beta-d-N4-hydroxycytidine; NHC) is a novel nucleoside analog and behaves as a potent anti-virus agent. EIDD-1931 effectively inhibits the replication activity of venezuelan equine ence
In Vitro	Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs[75]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019;53(2):211-242.

[2]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019;53(2):211-242.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA