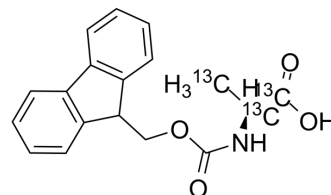


Fmoc-Ala-OH-13C3

Cat. No.:	HY-W009204S5
CAS No.:	765259-05-0
Molecular Formula:	C ₁₅ ¹³ C ₃ H ₁₇ NO ₄
Molecular Weight:	314.31
Target:	PPAR
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Fmoc-Ala-OH-13C3 is a 13C-labeled Fmoc-leucine. Fmoc-leucine is a selective PPAR γ modulator. Fmoc-leucine activates PPAR γ with a lower potency but a similar maximal efficacy than rosiglitazone. Fmoc-leucine improves insulin sensitivity in normal, diet-ind
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):211-230.
- [2]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother.* 2019;53(2):211-230.

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

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