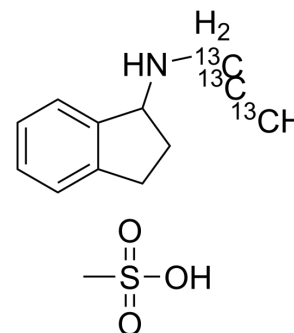


Rasagiline-¹³C₃ mesylate racemic

Cat. No.:	HY-14605BS
CAS No.:	1216757-55-9
Molecular Formula:	C ₁₀ ¹³ C ₃ H ₁₇ NO ₃ S
Molecular Weight:	270.32
Target:	Monoamine Oxidase; Isotope-Labeled Compounds
Pathway:	Neuronal Signaling; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Rasagiline- ¹³ C ₃ (mesylate racemic) is a ¹³ C-labeled Rasagiline mesylate racemic. Rasagiline mesylate racemic is a highly potent selective irreversible mitochondrial monoamine oxidase (MAO) inhibitor[1]. Rasagiline-13C3 (mesylate racemic) is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
In Vitro	Rasagiline mesylate racemic is the racemic mixture of Rasagiline mesylate. Rasagiline mesylate is a highly potent selective irreversible MAO inhibitor with IC ₅₀ s of 4.43 nM and 412 nM for rat brain MAO B and A activity, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. M B Youdim, et al. Rasagiline [N-propargyl-1R(+)-aminoindan], a selective and potent inhibitor of mitochondrial monoamine oxidase B. Br J Pharmacol. 2001 Jan;132(2):500-6.

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

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