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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
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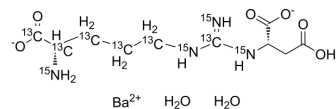
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L-Argininosuccinic acid-¹³C₆,¹⁵N₄ barium, dihydrate

Cat. No.:	HY-143876S
CAS No.:	2483829-90-7
Molecular Formula:	C ₄ ¹³ C ₆ H ₂₀ Ba ¹⁵ N ₄ O ₈
Molecular Weight:	471.54
Target:	Isotope-Labeled Compounds
Pathway:	Others
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



BIOLOGICAL ACTIVITY

Description	L-Argininosuccinic acid- ¹³ C ₆ , ¹⁵ N ₄ (barium, dihydrate) is a ¹⁵ N-labeled and ¹³ C-labeled L-Argininosuccinic acid (barium, dihydrate)[1].
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 ^[71] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Mol Cell. 2022 Oct 20;82(20):3919-3931.e7.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019;53(2):211-223.

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

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