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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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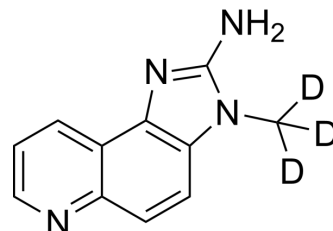
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2-Amino-3-methyl-3H-imidazo[4,5-f]quinoline-d₃

Cat. No.:	HY-W706319
CAS No.:	82050-10-0
Molecular Formula:	C ₁₁ H ₇ D ₃ N ₄
Molecular Weight:	201.24
Target:	Isotope-Labeled Compounds; Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

2-Amino-3-methyl-3H-imidazo[4,5-f]quinoline-d₃ is deuterium labeled 2-Amino-3-methyl-imidazo-[4,5-f]-quinoline. 2-Amino-3-methyl-imidazo-[4,5-f]-quinoline is a mutagenic compound^{[1][2]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. H Ohgaki, et al. Carcinogenicity in mice of a mutagenic compound, 2-amino-3-methylimidazo[4,5-f]quinoline, from broiled sardine, cooked beef and beef extract. Carcinogenesis. 1984 Jul;5(7):921-4.

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

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