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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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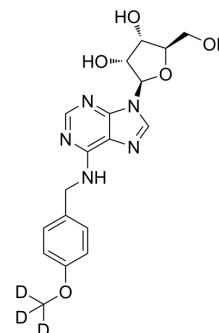
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N6-(4-Methoxybenzyl)adenosine-d₃

Cat. No.:	HY-152303S
Molecular Formula:	C ₁₈ H ₁₈ D ₃ N ₅ O ₅
Molecular Weight:	390.41
Target:	Isotope-Labeled Compounds; Nucleoside Antimetabolite/Analog
Pathway:	Others; Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

N6-(4-Methoxybenzyl)adenosine-d₃ is deuterium labeled N6-(4-Methoxybenzyl)adenosine. N6-(4-Methoxybenzyl)adenosine is an adenosine analog. Adenosine analogs mostly act as smooth muscle vasodilators and have also been shown to inhibit cancer progression. Its popular products are adenosine phosphate, Acadesine (HY-13417), Clofarabine (HY-A0005), Fludarabine phosphate (HY-B0028) and Vidarabine (HY-B0277)^{[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]. Robak T, Robak P. Purine nucleoside analogs in the treatment of rarer chronic lymphoid leukemias. *Curr Pharm Des*. 2012;18(23):3373-88.
- [3]. Man S, et al. Potential and promising anticancer drugs from adenosine and its analogs. *Drug Discov Today*. 2021 Jun;26(6):1490-1500.

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

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