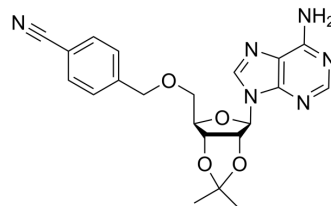


5'-O-[(4-Cyanophenyl)methyl]-2',3'-O-(1-methylethylidene)adenosine

Cat. No.:	HY-W604427
CAS No.:	1134156-51-6
Molecular Formula:	C ₂₁ H ₂₂ N ₆ O ₄
Molecular Weight:	422.44
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

5'-O-[(4-Cyanophenyl)methyl]-2',3'-O-(1-methylethylidene)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].

REFERENCES

[1]. 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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