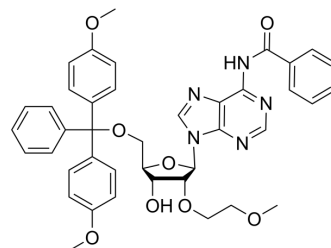


N-Benzoyl-5'-O-dmtr-2'-O-(2-methoxyethyl)-adenosine

Cat. No.:	HY-13040		
CAS No.:	251647-48-0		
Molecular Formula:	C ₄₁ H ₄₁ N ₅ O ₈		
Molecular Weight:	731.79		
Target:	Nucleoside Antimetabolite/Analog		
Pathway:	Cell Cycle/DNA Damage		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

N-Benzoyl-5'-O-dmtr-2'-O-(2-methoxyethyl)-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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