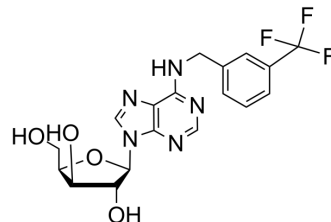


1-(β-D-Xylofuranosyl)-N6-(m-trifluoromethylbenzyl)adenine

Cat. No.:	HY-152399
Molecular Formula:	C ₁₈ H ₁₈ F ₃ N ₅ O ₄
Molecular Weight:	425.36
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

1-(β-D-Xylofuranosyl)-N6-(m-trifluoromethylbenzyl)adenine 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]. Robak T, Robak P. Purine nucleoside analogs in the treatment of rarer chronic lymphoid leukemias. *Curr Pharm Des.* 2012;18(23):3373-88.
- [2]. 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA