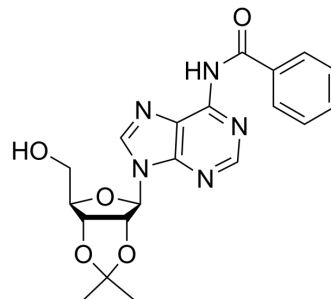


N6-Benzoyl-2',3'-isopropylidene adenosine

| | |
|--------------------|---|
| Cat. No.: | HY-W552419 |
| CAS No.: | 39947-04-1 |
| Molecular Formula: | C ₂₀ H ₂₁ N ₅ O ₅ |
| Molecular Weight: | 411.41 |
| 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

N6-Benzoyl-2',3'-isopropylidene 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.

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