
Product Name	: N6-(p-Methoxybenzyl)adenosine
Synonyms	: —
Cat No.	: M37893
CAS Number	: 23666-24-2
Molecular Formula	: C18H21N5O5
Formula Weight	: 387.39
Chemical Name	: —
Description	: 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).
Pathway	: Microbiology/Virology
Target	: Antibiotic
Receptor	: Nucleoside Antimetabolite/Analog
Solubility	: —
SMILES	: <chem>N(CC1=CC=C(OC)C=C1)C2=C3C(N(C=N3)[C@@H]4O[C@H](CO)[C@@H](O)[C@H]4O)=NC=N2</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Robak T, Robak P. Purine nucleoside analogs in the treatment of rarer chronic lymphoid leukemias. *Curr Pharm Des.* 2012; 18(23):3373-88.?