

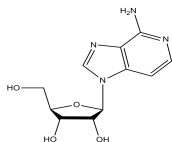
Product: 3-Deazaadenosine

ALTERNATE NAME: 1- β -D-ribofuranosyl-1H-Imidazo[4,5-c]pyridin-4-amine; 3-DZA; deaza-Ado; c3Ado

CATALOG #: 2771-1,5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₁H₁₄N₄O₄

MOLECULAR WEIGHT: 266.25

CAS NUMBER: 6736-58-9

APPEARANCE: White to off-white solid

SOLUBILITY: H₂O (~10 mg/ml)

PURITY: \geq 98%

STORAGE: Store at -20°C. Protect from air and moisture

DESCRIPTION: 3-Deazaadenosine (3-DZA) is an inhibitor of SAH (S-adenosylhomocysteine) hydrolase ($K_i = 3.9 \mu\text{M}$). It has anti-inflammatory properties, inhibiting leukocyte adhesion and chemotaxis, lymphocyte-mediated cytolysis, phagocytosis, degranulation, and NF- κ B signaling. 3-DZA also has anti-viral and anti-bacterial activities.

REFERENCE: Chiang, P.K., *et al.* (1998). *Pharmacol. Ther.* **77**, 115-134.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

3-Deazaneplanocin A (Cat. No. 2060-250, 1000)

3-Deazaneplanocin A hydrochloride (Cat. No. 2444-250, 1000)

EZSolution™ 3-Deazaneplanocin A (Cat. No. 2409-1)

FOR RESEARCH USE ONLY! Not to be used on humans.