

## Product: 2',5'-Dideoxyadenosine

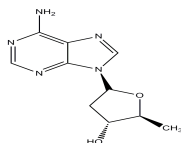
RELATED PRODUCTS:  
KH7 (Cat. No. 2350-5, 25)  
SQ22536 (Cat. No. 2019-5, 25)

ALTERNATE NAME: 2', 5'-Dideoxy-D-adenosine; 2',5'-DDA

CATALOG #: 2770-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>2</sub>

MOLECULAR WEIGHT: 235.25

CAS NUMBER: 6698-26-6

APPEARANCE: White to off-white solid

SOLUBILITY: H<sub>2</sub>O (~20 mg/ml, warming) or DMSO (~ 30 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: 2', 5'- Dideoxyadenosine is a cell-permeable inhibitor of adenylate cyclase (IC<sub>50</sub> = 2.7 μM). Inhibits growth and causes cell differentiation (1.5 μM) in K562 cells.

REFERENCE: Sabouni, M.H., *et al.* (1991). *J. Pharmacol. Exp. Ther.* **259**, 508-512.

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

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