Product Name: BMS 986094  
Catalog No.: 6974  
Batch No.: 1

CAS Number: 1234490-83-5

IUPAC Name: Neopentyl [[[[2R,3R,4R,5R]-5-(2-amino-6-methoxy-9H-purin-9-yl)-3,4-dihydroxy-4-methyltetrahydrofuran-2-yl]methoxy][naphthalen-1-yloxy]phosphoryl]-L-alaninate

1. PHYSICAL AND CHEMICAL PROPERTIES

- **Batch Molecular Formula:** C\textsubscript{30}H\textsubscript{39}N\textsubscript{6}O\textsubscript{9}P.\textsubscript{3/4}H\textsubscript{2}O
- **Batch Molecular Weight:** 672.16
- **Physical Appearance:** White solid
- **Solubility:** DMSO to 100 mM, ethanol to 100 mM
- **Storage:** Store at -20°C

2. ANALYTICAL DATA

- **HPLC:** Shows 99.4% purity
- **\textsuperscript{1}H NMR:** Consistent with structure
- **Mass Spectrum:** Consistent with structure
- **Microanalysis:**
  - Theoretical: C 53.61, H 6.07, N 12.5
  - Found: C 53.56, H 5.85, N 12.43
Product Name: BMS 986094
Catalog No.: 6974
Batch No.: 1

CAS Number: 1234490-83-5
IUPAC Name: Neopentyl [[[(2R,3R,4R,5R)-5-(2-amino-6-methoxy-9H-purin-9-yl)-3,4-dihydroxy-4-methyltetrahydrofuran-2-yl]methoxy][naphthalen-1-yl oxy]phosphoryl]-L-alaninate

Description:

Physical and Chemical Properties:
Batch Molecular Formula: C46H34N206P.7/3H2O
Batch Molecular Weight: 672.16
Physical Appearance: White solid
Minimum Purity: >98%
Batch Molecular Structure:

Storage: Store at -20°C

Solubility & Usage Info:
DMSO to 100 mM
ethanol to 100 mM

Stability and Solubility Advice:
Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:
SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.
SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References: