Product Name: Phosphoramidon disodium salt
Catalog No.: 6333
Batch No.: 1
CAS Number: 164204-38-0
IUPAC Name: N-[N-[[6-Deoxy-α-L-mannopyranosyl]oxy]hydroxyphosphinyl]-L-leucyl]-L-tryptophan disodium salt

1. PHYSICAL AND CHEMICAL PROPERTIES

   Batch Molecular Formula: \( \text{C}_{23}\text{H}_{32}\text{N}_{3}\text{Na}_{2}\text{O}_{10}\text{P} \)
   Batch Molecular Weight: 587.47
   Physical Appearance: White solid
   Solubility: water to 100 mM
   Storage: Store at -20°C

2. ANALYTICAL DATA

   HPLC: Shows 98.7% purity
   Mass Spectrum: Consistent with structure
**Product Name:** Phosphoramidon disodium salt  
**Catalog No.:** 6333  
**Batch No.:** 1

**CAS Number:** 164204-38-0  
**IUPAC Name:** \(N\)-[\(\alpha\)-L-mannopyranosyl]oxyphosphinyl]-L-leucyl-L-tryptophan disodium salt

**Description:** Neutral endopeptidase (neprilysin) inhibitor. Blocks degradation of amyloid β peptides and increases Aβ levels in rodents. Also blocks endothelin converting enzyme (ECE).

**Physical and Chemical Properties:**
- **Batch Molecular Formula:** \(C_{23}H_{32}N_{2}Na_{2}O_{10}P\)
- **Batch Molecular Weight:** 587.47
- **Physical Appearance:** White solid
- **Minimum Purity:** >95%
- **Storage:** Store at -20°C

**Solubility & Usage Info:**
- **Solubility:** water to 100 mM
- **CAUTION:** This product is hygroscopic and we recommend that it is desiccated upon arrival. Solutions should be made up as soon as the vial is opened.

**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:**