

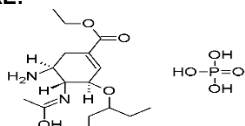
**PRODUCT: Oseltamivir Phosphate**

**ALTERNATE NAME:** 4R-(acetylamino)-5S-amino-3R-(1-ethylpropoxy)-1-cyclohexene-1-carboxylic acid, ethyl ester, monophosphate; GS-4104

**CATALOG NUMBER:** B1885-50, 250

**AMOUNT:** 50 mg, 250 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>16</sub>H<sub>28</sub>N<sub>2</sub>O<sub>4</sub> • H<sub>3</sub>PO<sub>4</sub>

**MOLECULAR WEIGHT:** 410.40

**CAS NUMBER:** 204255-11-8

**APPEARANCE:** White to off-white solid

**SOLUBILITY:** DMSO (10 mg/ml) or PBS (pH 7.2) (10 mg/ml)

**PURITY:** ≥98% by HPLC

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

**DESCRIPTION:**

Oseltamivir Phosphate is an antiviral prodrug targeted against the influenza viruses. Once hydrolyzed in the liver to its active metabolite, oseltamivir acid it competitively inhibits viral neuraminidase (IC<sub>50</sub>s = 0.1-4.9 nM for influenza neuraminidases A and B), blocking the release of new viral particles from a host cell. It has not been shown to inhibit coronaviruses.

**REFERENCES:** Hayden, F.G., *et al.* (1999). *New Eng. J. Med.* **341**, 1336-1343.

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

**RELATED PRODUCTS:**

- Acyclovir (Cat. No. 2200-50, 250)
- 5-Azacytidine (Cat. No. 1854-50, 250)
- 6-Azauridine (Cat. No. B1024-100, 500)
- (-)-6-Azauridine 2', 3', 5'-triacetate (Cat. No. B1025-50, 250)
- Azidothymidine (Cat. No. B1113-10, 50)
- BMS-626529 (Cat. No. B1557-5,25)
- Clemizole (Cat. No. 2481-10,50)
- GSK1349572 (Cat. No. 2288-5, 25)
- Oseltamivir Phosphate (Cat. No. B1885-50,250)
- Oseltamivir Acid (Cat. No. B1886-1,5)
- Ribavirin (Cat. No. 2199-10, 50)
- Simeprevir (Cat. No. B1173-5,25)
- T-705 (Favipiravir) (Cat. No. 2778-5,25)
- Troviridine (Cat. No. B1212-10, 50)
- Valacyclovir hydrochloride (Cat. No. 2201-10, 50)
- Velpatasvir (Cat. No. B1194-5,25)

**USAGE:** *FOR RESEARCH USE ONLY! Not to be used in humans*