

Catalog	Unit
TBI4483-50MG	50 mg
TBI4483-250MG	250 mg

Product Details

Formal Name: Ethyl (3R,4R,5S)-4-acetamido-5-amino-3-pentan-3-yloxy-cyclohexene-1-carboxylate phosphoric acid salt

Alternate Names: GS4104; Tamiflu

Molecular Formula: C₁₆H₂₈N₂O₄·H₃PO₄

Formula Weight: 410.40

CAS Number: 204255-11-8

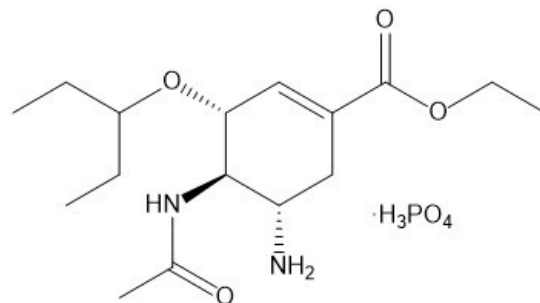
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (40 mg/ml); water (>40 mg/mL)

Storage: -20°C

Stability: ≥ 1 year.



Applications

Antiviral agent; Neuraminidase inhibitor

Functions

Oseltamivir phosphate (204255-11-9) is a potent viral neuraminidase inhibitor and a clinically useful treatment for influenzas A and B. Oseltamivir is a prodrug that is converted to the active acid in vivo – IC₅₀ for active acid in vitro = 2 nM.

Application Procedures

First dissolved in DMSO (40 mg/ml); water (>40 mg/mL), then diluted to aqueous buffer. Solutions in DMSO or distilled water may be stored at -20° for up to 3 months.

For research use only.