
Product Data Sheet

Product Name: Peramivir

Cat. No.: GC11859

Chemical Properties

Cas. No. 330600-85-6

Chemical Name (1S,2S,3S,4R)-3-[(1S)-1-acetamido-2-ethylbutyl]-4-(diaminomethylideneamino)-2-hydroxycyclopentane-1-carboxylic acid

SMILES CCC(CC)C(C1C(CC(C1O)C(=O)O)N=C(N)N)NC(=O)CFormula $C_{15}H_{28}N_4O_4$ M.Wt 328.41Solubility ≥ 7.6 mg/mL in EtOH, ≥ 5.66 mg/mL in Water with ultrasonic and warming Storage Store at $-20^{\circ}C$ General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Peramivir is an experimental antiviral drug developed by BioCryst Pharmaceuticals for the treatment of influenza. It has been authorized for the emergency use of treatment of certain hospitalized patients with known or suspected 2009 H1N1 influenza. Peramivir is a neuraminidase inhibitor, acting as a transition-state analogue inhibitor of influenza neuraminidase and thereby preventing new viruses from emerging from infected cells. From Wikipedia

Caution: Product has not been fully validated for medical applications. For research use only.

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