

Pritelivir, HSV helicase-primase inhibitor

Catalog	Unit
TBI4430-10MG	10 mg
TBI4430-50MG	50 mg

Product Details

Formal Name: N-Methyl-N-(4-methyl-5-sulfamoyl-1,3-thiazol-2-yl)-2-(4-pyridin-2-ylphenyl)acetamide

Alternate Name: BAY 57-1293

Molecular Formula: C₁₈H₁₈N₄O₃S₂

Formula Weight: 402.5

CAS Number: 348086-71-5

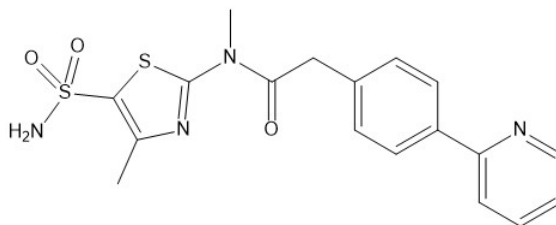
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (> 25 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

HSV helicase-primase inhibitor

Functions

Potent non-nucleosidic inhibitor of the herpes simplex virus helicase-primase (IC₅₀ = 20 nM HSV1/2). Active against acyclovir-resistant HSV. Pritelivir showed superior efficacy against HSV *in vivo* compared to acyclovir, famciclovir, ganciclovir, and valacyclovir. It greatly reduced the formation of β-amyloid and abnormal tau in HSV1 infected cultured cells.

Application Procedures

First dissolved in Soluble in DMSO (> 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.