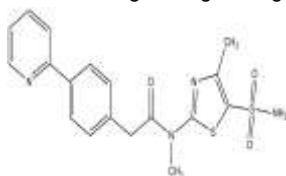


PRODUCT: BAY 57-1293**ALTERNATE NAME:** N-methyl-N-(4-methyl-5-sulfamoylthiazol-2-yl)-2-(4-(pyridin-2-yl)phenyl)acetamide**CATALOG #:** 2556-5, 25, 50**AMOUNT:** 5 mg, 25 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₈H₁₈N₄O₃S₂**MOLECULAR WEIGHT:** 402.49**CAS No.** 348086-71-5**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO**PURITY:** ≥95% by HPLC**STORAGE:** Store at -20°C. Protect from light and air

DESCRIPTION: BAY 57-1293 is a potent helicase primase inhibitor. It inhibits replication of herpes simplex virus (HSV) type 1 and type 2 in the nanomolar range in vitro by abrogating the enzymatic activity of the viral primase-helicase complex. In various rodent models of HSV infection the antiviral activity of BAY 57-1293 in vivo was found to be superior compared to all compounds currently used to treat HSV infections. BAY 57-1293 has been shown to be a more effective agent than acyclovir (Cat. No. 2200) for treating Alzheimer's Disease (AD) by decreasing Aβ and P-tau formation.

REFERENCES: Wozniak, M.A., *et al.* (2013). *Antiviral Res.* **99**, 401-404; Biswas, S., *et al.* (2007). *Antiviral Res.* **75**, 30-35.

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)

Clemizole (Cat. No.2481-10, 50)

GSK1349572 (Cat. No. 2288-5, 25)

Ribavirin (Cat. No. 2199-10, 50)

Valacyclovir hydrochloride (Cat. No. 2201-10, 50)

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