

# BAY-57-1293

产品编号: D51116

CAS: 348086-71-5

分子式: C<sub>18</sub>H<sub>18</sub>N<sub>4</sub>O<sub>3</sub>S<sub>2</sub>

纯度:  $\geq 98\%$

InChi: InChI=1S/C18H18N4O3S2/c1-12-17(27(19,24)25)26-18(21-12)22(2)16(23)11-13-6-8-14(9-7-13)  
15-5-3-4-10-20-15/h3-10H,11H2,1-2H3,(H2,19,24,25)

InChi Key: IVZKZONQVYTCKC-UHFFFAOYSA-N

Smiles: CC1N=C(SC=1S(N)(=O)=O)N(C)C(=O)CC1=CC=C(C=C1)C1C=CC=CN=1

外观： 固体粉末

作用通路: HSV

溶解性: Soluble in DMSO, not in water

保存条件: Store in dry, dark place for one year.

**产品介绍:** BAY-57-1293 is a potent helicase primase inhibitor. BAY-57-1293 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. The compound shows profound antiviral activity in murine and rat lethal challenge models of disseminated herpes, in a murine zosteriform spread model of cutaneous disease, and in a murine ocular herpes model. It is active in parenteral, oral, and topical formulations.