
Product Data Sheet

Product Name: SSR 69071

Cat. No.: GC10672

Chemical Properties

Cas. No. 344930-95-6

Chemical Name 6-methoxy-1,1-dioxo-2-[[4-oxo-9-(2-piperidin-1-ylethoxy)pyrido[1,2-a]pyrimidin-2-yl]oxymethyl]-4-propan-2-yl-1,2-benzothiazol-3-one

SMILES CC(C)C1=CC(=CC2=C1C(=O)N(S2(=O)=O)COC3=CC(=O)N4C=CC=C(C4=N3)OCCN5CCCCC5)OCFormula C₂₇H₃₂N₄O₇S

M.Wt 556.63

Solubility DMSO: 25mM, Ethanol: 10mM

Storage Store at 4°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

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

Structure **Background**

High affinity, potent inhibitor of human leukocyte elastase (HLE) (IC₅₀ = 3.9 nM). Displays species-selectivity (K_i values are 0.017, 1.70, 3.01, 58 and > 100 nM for human, mouse, rat, rabbit and porcine elastase respectively). Inhibits HLE-induced lung hemorrhage in mice (ID₅₀ = 2.8 mg/kg) and reduces infarct size in an *in vivo* acute model of coronary ischemia-reperfusion injury. Orally active.

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

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