

Cephalosporin C zinc salt

Catalog No: tcscw007086



Available Sizes

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

59143-60-1

Formula:

$C_{16}H_{19}N_3O_8SZn$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

DMSO : 6 mg/mL (12.53 mM; ultrasonic and warming and adjust pH to 2-3 with HCl)

Observed Molecular Weight:

478.78

Product Description

Cephalosporin C zinc salt is a potent inhibitor of **SAMHD1** with an **IC₅₀** of 1.1 μM.

IC50 & Target: IC50: 1.1 μM (SAMHD1)^[1]

In Vitro:

Cephalosporin C zinc salt is a potent inhibitor of SAMHD1 with an IC_{50} of $1.1 \pm 0.1 \mu M$, 200-fold more potent than Na^+ salt form of Cephalosporin C ($IC_{50}^{CC-Na} = 213 \pm 30 \mu M$)^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!