

# Ceftibuten

Catalog No: tcsc2939



## Available Sizes

**Size:** 10mg

**Size:** 50mg

**Size:** 100mg



## Specifications

**CAS No:**

97519-39-6

**Formula:**

$C_{15}H_{14}N_4O_6S_2$

**Pathway:**

Anti-infection

**Target:**

Bacterial

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Alternative Names:**

Sch 39720

**Observed Molecular Weight:**

410.42

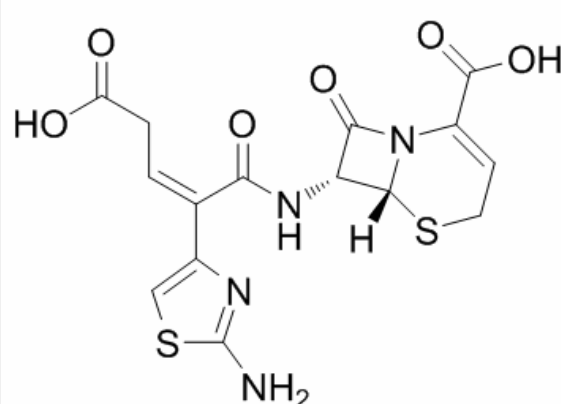
## Product Description

Ceftibuten(Sch39720) is a third-generation cephalosporin antibiotic.

IC50:

Target: Antibacterial

Ceftibuten displayed high activity against *Haemophilus influenzae* and *Branhamella catarrhalis*. There was reduced activity against *Streptococcus pneumoniae* (MIC90 16 mg/l). The protein binding of Ceftibuten was 77% and the primary target site PBP 3. A high degree of stability to beta-lactamase hydrolysis was observed. [1]



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