

Vibunazole

Catalog No: tcsc0018100



Available Sizes

Size: 5mg

Size: 10mg



Specifications

CAS No:

80456-55-9

Formula:

$C_{15}H_{20}ClN_3O_2$

Pathway:

Anti-infection

Target:

Fungal

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

BAY-N-7133

Observed Molecular Weight:

309.79

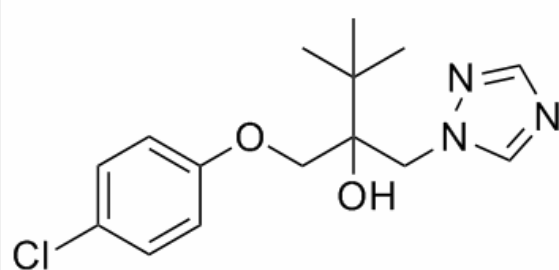
Product Description

Vibunazole is a new antifungal azole.

In Vitro:

Vibunazole is an antifungal azole. Low concentrations of all three drugs inhibit *Coccidioides immitis*, strain Silveira, *in vitro* with a descending order of activity ketoconazole>Vibunazole>BAY 1 9139^[1].

In Vivo: The untreated, infected mice lost weight initially and progressively, whereas treated mice gain weight after an initial loss with Vibunazole (all doses), BAY 1 9139 and ketoconazole at 2.5 mg/kg/day. With both Vibunazole and BAY 1 9139, the 5 and 10 mg/kg doses yield serum concentrations exceeding the MICs for the *Coccidioides immitis* test strain (0.8 and 1.5 µg/mL respectively) for periods in excess of 30 min after injection^[1].



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