



Vibunazole

Catalog No: tcsc0018100

Available	Sizes		
Size: 5mg			
Size: 10mg			
Specificat	ions		
CAS No: 80456-55-9			
Formula: C ₁₅ H ₂₀ ClN ₃ O ₂			
Pathway: Anti-infection			
Target: Fungal			
Purity / Grade: >98%			
Solubility: 10 mM in DMSO			
Alternative Name BAY-N-7133	s:		
Observed Molecu	lar Weight:		

Product Description

Vibunazole is a new antifungal azole.

In Vitro:

309.79





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 μ g/mL respectively) for periods in excess of 30 min after injection^[1].

$$O \longrightarrow N \longrightarrow N$$

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