

Catalog Number: CM16712

### 产品信息

**Catalog Number:**  
CM16712

**CAS号:**  
158364-59-1

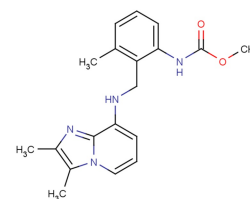
**分子式:**  
C<sub>19</sub>H<sub>22</sub>N<sub>4</sub>O<sub>2</sub>

**主要靶点:**  
Proton pump

**主要通路:**  
离子通道

**分子量:**  
338.4

**溶解度:**  
DMSO:55 mg/ml (162.53 mM), Sonification is recommended.



### 体内活性

Pumaprazole shows identical ID<sub>50</sub> values on day 1 (11 μmol/kg, 95% confidence limits of 5 and 23), and on day 7 (10 μmol/kg, 95% confidence limits of 4 and 23) of a repeated dose study in this model. Basal acid secretion in the Ghosh-Schild rat is inhibited by Pumaprazole with a higher efficacy compared to ranitidine. The lower dose of Pumaprazole (27 μmol/kg) rapidly elevates luminal pH up to almost neutrality, the higher dose (54 μmol/kg) further prolongs this pH-elevating effect[1].

### 描述

Pumaprazole is an antagonist of a reversible proton pump.

### 储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years