

Linaprazan

Catalog No: tcsc5725



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

248919-64-4

Formula:

$C_{21}H_{26}N_4O_2$

Pathway:

Membrane Transporter/Ion Channel

Target:

Proton Pump

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 35 mg/mL (95.51 mM)

Alternative Names:

AZD0865

Observed Molecular Weight:

366.46

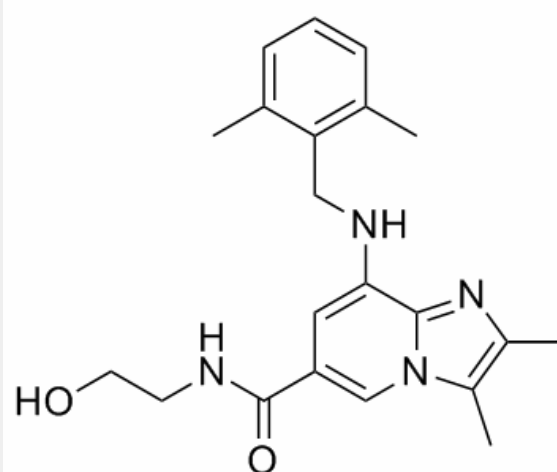
Product Description

AZD0865 inhibits gastric H⁺,K⁺-ATPase by K⁺-competitive binding. (IC₅₀: 1.0 ± 0.2 μM)

It is a acid-suppressing agents with rapid onset of action and potent acid inhibition.

In vitro: AZD0865 can inhibit the final step in acid secretion. AZD0865 reduced porcine renal Na⁺,K⁺-ATPase activity by 9 ± 2%, demonstrating a high selectivity for H⁺,K⁺-ATPase.

In vivo: The reference for animal administration is 0.5-1.0 mg/kg. The greater degree of acid suppression with the 75-mg dose of AZD0865 would translate to a healing rate of 89% at 4 weeks.



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