

Product Data Sheet

Product Name: Zastaprazan citrate

Cat. No.: GC79545

Chemical Properties

Cas. No. 2936619-43-9

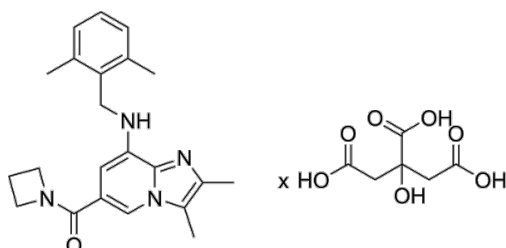
Formula $C_{22}H_{26}N_4O \cdot xC_6H_8O_7$ M.Wt 362.47

Solubility DMSO: 33.33 mg/mL (Need ultrasonic) Storage Store at 4°C, away from moisture

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Zastaprazan (JP-1366) citrate is a Proton pump inhibitor and potent potassium-competitive acid blocker. Zastaprazan citrate can be used in the research of gastrointestinal inflammatory diseases or

Caution: Product has not been fully validated for medical applications. For research use only.

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gastric acid-related diseases such as gastroesophageal reflux disease [1] [2].

In Vitro, Zastaprazan citrate, as a potent potassium-competitive acid blocker, has been used in research on gastroesophageal reflux disease^[1].

References:

[1]. Oh JH, et al. Randomized, Double-Blind, Active-Controlled Phase 3 Study to Evaluate Efficacy and Safety of Zastaprazan Compared With Esomeprazole in Erosive Esophagitis. Am J Gastroenterol. 2025 Feb 1;120(2):353-361.

[2]. Jeongmin Kim, et al. Imidazo[1,2-a]pyridine derivatives, methods for preparing the same and use thereof. WO2018008929A1. 2018-01-11.

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