

Tegaserod maleate, 5-HT₄ partial agonist

Catalog	Unit
TBI4876-10MG	10 mg
TBI4876-50MG	50 mg

Product Details

Formal Name: 1-[(E)-(5-Methoxy-1H-indol-3-yl)methylideneamino]-2-pentylguanidine maleate

Alternate Names: SDZ HTF 919

Molecular Formula: C₁₆H₂₃N₅O·C₄H₄O₄

Formula Weight: 417.5

CAS Number: 189188-57-6

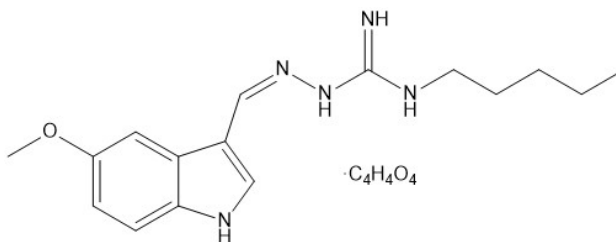
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (20 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

5-HT₄ partial agonist

Functions

Potent and selective partial agonist of the serotonin 5-HT₄ receptor. Also inhibits RNA m⁶A reader YTHDF1. It reduced the viability of patient-derived AML cells and prolonged survival in xenograft models. Suppressed tumor growth in various models via inhibition of sonic hedgehog signaling, MEK1/2, peroxisome pathway, and others.

Application Procedures

First dissolved in DMSO (20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.