

Ketanserin tartrate, Serotonin 5-HT_{2A} antagonist

Catalog	Unit
TBI2490-50MG	50 mg
TBI2490-200MG	200 mg

Product Details

Formal Name: 3-[2-[4-(4-Fluorobenzoyl)-1-piperidinyl]ethyl]-2,4(1H,3H)-quinazolinedione, tartrate

Alternate Names: R41468

Molecular Formula: C₂₂H₂₂FN₃O₃ • C₄H₆O₆

Formula Weight: 545.5

CAS Number: 83846-83-7

Purity: >98%

Formulation: Powder

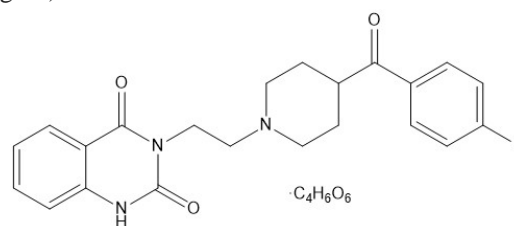
Solubility: Soluble in DMSO (up to 30 mg/ml) or in Water (up to 5 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.

Applications

Serotonin 5-HT_{2A} antagonist



Functions

A selective serotonin 5-HT_{2A} receptor antagonist (IC₅₀ = 6.3 nM). Also exhibits significant selectivity for the human 5-HT_{1Dα} receptor. Was shown to be effective for the treatment of hypertension following coronary artery surgery. Has been used to disrupt the hallucinogenic effects of psilocybin and to explore cognitive effects of the 5-HT_{2A} receptor.

Application Procedures

First dissolved in DMSO (30 mg/ml) or Water (5 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or water may be stored at -20°C for up to 3 months.

For research use only.