

Catalog	Unit
TBI4371-10MG	10 mg
TBI4371-50MG	50 mg

Product Details

Formal Name: 5-[(1R)-2-[(5,6-Diethyl-2,3-dihydro-1H-inden-2-yl)amino]-1-hydroxyethyl]-8-hydroxy-1H-quinolin-2-one maleate salt

Alternate Name: QAB149

Molecular Formula: C₂₄H₂₈N₂O₃·C₄H₄O₄

Formula Weight: 508.6

CAS Number: 753498-25-8

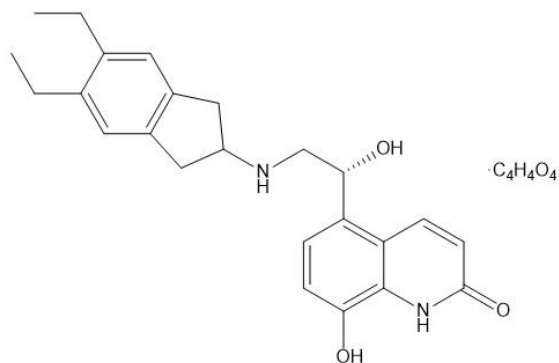
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (> 25 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

β_2 adrenoceptor agonist/Splicing factor SRSF6 inhibitor

Functions

Full agonist (pEC₅₀ = 8.06) of the human β_2 adrenoceptor. Clinically important drug for the treatment of chronic obstructive pulmonary disease. Indacaterol blocked colorectal cancer progression *in vitro* (IC₅₀ = 19.01 μ M) and *in vivo* via inhibition of the splicing factor SRSF6 by binding to its RRM2 domain. It also blocked cell migration in metastatic breast cancer MDA-MB-231 cells by a similar mechanism.

Application Procedures

First dissolved in Soluble in DMSO (> 25 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.