

Catalog	Unit
TBI2500-50MG	50 mg
TBI2500-250MG	250 mg

Product Details

Formal Name: [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-piperidinyl)ethoxy]phenyl]-methanone, hydrochloride

Alternate Names: Keoxifene; LY156758

Molecular Formula: C₂₈H₂₇NO₄S • HCl

Formula Weight: 510.00

CAS Number: 82640-04-8

Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 15 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.

Applications

Selective estrogen receptor modulator (SERM)

Functions

A selective estrogen receptor modulator (SERM) used to treat osteoporosis, it also binds GP130 (a subunit of the IL-6 receptor), thereby blocking IL-6 signaling. For this reason it is in clinical trials for the "Cytokine Storm" induced by the SARS-CoV-2 virus. In addition, it blocks voltage-gated potassium channel Kv4.

Application Procedures

First dissolved in DMSO (up to 15 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 3 months.

For research use only.