

Catalog	Unit
TBI1561-5MG	5 mg
TBI1561-25MG	25 mg

Product Details

Formal Name: N-(4-(Diethylaminobenzylidene)-N'-(4-hydroxybenzoyl)-hydrazine

Alternate Names: GSK-9089

Molecular Formula: C₁₈H₂₁N₃O₂

Formula Weight: 311.38

CAS Number: 95167-41-2

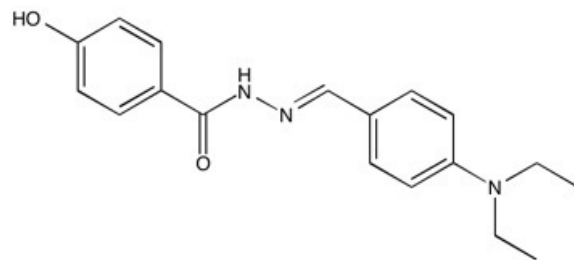
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 30 mg/ml) or in Ethanol (up to 8 mg/ml with warming)

Storage: -20°C

Stability: ≥ 2 years.



Applications

Estrogen receptor ERRb and ERRg agonist

Functions

Selective agonist at estrogen-related receptors ERRβ and ERRγ with minimal activity at ERRα, ERα and ERβ at concentrations up to 30 μM. Displays antiproliferative activity in prostate cancer cells. Promotes hormone production and cell fusion in cytotrophoblasts. In breast cancer cells DY131 arrests cells in G2/M and causes mitotic spindle defects. Inhibits osteoclastogenesis and protects against inflammatory bone loss induced by LPS in vivo.

Application Procedures

First dissolved in DMSO (up to 30 mg/ml) or in Ethanol (up to 8 mg/ml with warming), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20° for up to 1 month.

For research use only.