

Ezatiostat, GSTP1 inhibitor

Catalog	Unit
TBI4711-5MG	5 mg
TBI4711-25MG	25 mg

Product Details

Formal Name: Ethyl (2S)-2-amino-5-[[[(2R)-3-benzylsulfanyl-1-[[[(1R)-2-ethoxy-2-oxo-1-phenylethyl]amino]-1-oxopropan-2-yl]amino]-5-oxopentanoate

Alternate Names: TLK199; TER199

Molecular Formula: C₂₇H₃₅N₃O₆S

Formula Weight: 529.6

CAS Number: 168682-53-9

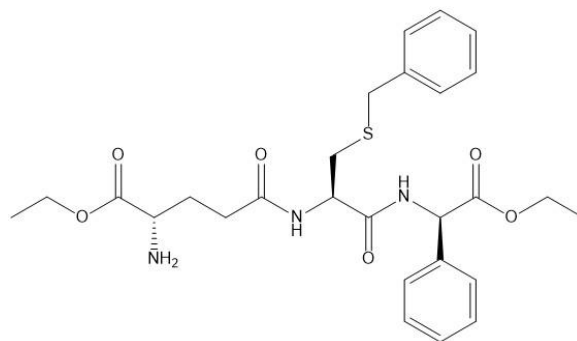
Purity: >98%

Formulation: Powder

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

Storage: -20°C

Stability: ≥ 2 years



Applications

GSTP1 inhibitor

Functions

Peptidomimetic inhibitor of glutathione S-transferase P1-1 (GSTP1). It showed significant hematopoietic stimulatory activity possibly via JNK activation through disruption of the GSTP/JNK interaction. Displayed efficacy in treating myelodysplastic syndrome. Combined treatment with ezatiostat and a PRDX6 inhibitor displayed synergistic effects in the treatment of neuroblastoma in vitro and in vivo.

Application Procedures

First dissolved in DMSO (> 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

For research use only.