

Herbimycin A, HSP90 inhibitor; Src inhibitor

Catalog	Unit
TBI2567-100UG	100 ug
TBI2567-1MG	1 mg

Product Details

Formal Name: (15R)-17-Demethoxy-15-methoxy-11-O-methyl-geldanamycin

Molecular Formula: C₃₀H₄₂N₂O₉

Formula Weight: 574.68

CAS Number: 70563-58-5

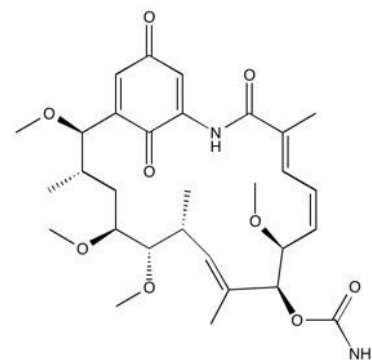
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 6 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

HSP90 inhibitor; Src inhibitor

Functions

Ansamycin antibiotic. Inhibits HSP90 and associated client proteins including v-Src, Bcr-Abl, Raf-1 and ErbB2. Reverts tyrosine kinase-induced oncogenic transformation without direct inhibition of phosphorylation activity. Inhibits angiogenesis in a rat retinopathy model.

Application Procedures

First dissolved in DMSO (up to 6 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.