Heat Shock Proteins

FOCUS BIOMOLECULES

Geldanamycin
Inhibits HSP90 by binding to its ATP-binding domain (K_d=1.2 µM) and subsequently inhibits HSP90 client proteins. Induces apoptosis in various cell types[1,2]. Cell permeable.

Product No: 10-1084 **1 mg/ 5 mg/**

17-AAG
Semi-synthetic analog of geldanamycin which is less toxic and more stable. Selectively binds to and inhibits HSP90 from tumor cells. Anti-angiogenic activity. Cell permeable.[3-5]

Product No: 10-1097 **5 mg/ 25 mg/**

17-DMAG
Geldanamycin analog that displays superior pharmacological properties. Inhibits HSP90 and induces apoptosis in a variety of tumor cell lines. Cell Permeable.[6,7]

Product No: 10-1169 **1 mg/ 5 mg/**

BIIB021
Potent HSP90 inhibitor.[8] Shows efficacy in multiple cancer models.[9,10]

Product No: 10-4641 **5 mg/ 25 mg/**

Ganetespib
HSP90 inhibitor that binds to the N-terminal ATP site.[11]

Product No: 10-4474 **5 mg/ 25 mg/**

BGP-15
BGP-15 is an inducer of HSF-1/HSP72 *in vitro* in the presence of co-treatment with heat.[12] HSP72 is a potential target for the treatment of obesity-induced insulin resistance.

Product No: 10-1373 **5 mg/ 25 mg/**

KNK437
Inhibits constitutive and inducible HSP70 expression in non-stressed[13] and heat-stressed[14] cancer cells.

Product No: 10-5561 **5 mg/ 25 mg/**

Pifithrin µ
Pifithrin µ selectively interacts with HSP70 and disrupts its association with co-chaperones and substrate proteins.[15,16]

Product No: 10-1180 **10 mg/ 50 mg/**

Radicicol
Radicicol inhibits HSP90 by binding to the ATP-binding pocket. It also prevents binding of HSP90 to the accessory protein p23.[17,18]

Product No: 10-2102 **1 mg/ 5 mg/**

Oridonin
Oridonin is an inhibitor HSP70 1A.[19]

Product No: 10-2616 **10 mg/ 50 mg/**

Compound 115-7c
Acts as an artificial co-chaperone for HSP70.[20,21]

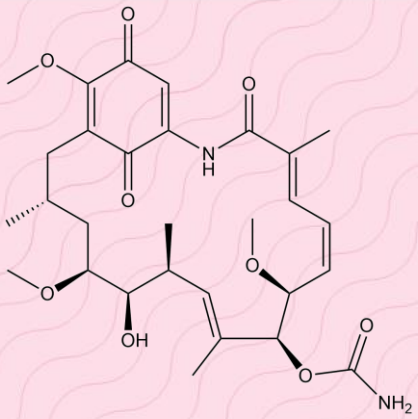
Product No: 10-1567 **5 mg/ 25 mg/**

Luminespib
Potent inhibitor of HSP90.[22]

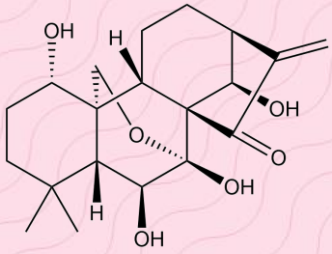
Product No: 10-4672 **5 mg/ 25 mg/**

CCT251236
Inhibitor of the Heat Shock Transcription Factor 1 (HSF1) pathway.[23]

Product No: 10-4410 **5 mg/ 25 mg/**



Geldanamycin



Oridonin

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