

Geldanamycin

Catalog No: tcsc0628



Available Sizes

Size: 5mg

Size: 10mg



Specifications

CAS No:

30562-34-6

Formula:

$C_{29}H_{40}N_2O_9$

Pathway:

Metabolic Enzyme/Protease;Cell Cycle/DNA Damage

Target:

HSP;HSP

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 24 mg/mL (42.81 mM)

Observed Molecular Weight:

560.64

Product Description

Geldanamycin is a specific inhibitor of interferon regulatory factor 3 (**IRF3**) (by inhibiting **Hsp90** of the IRF3 phosphorylation chaperone, with a K_d of 1.2 μ M.).

IC50 & Target: Kd: 1.2 μ M (Hsp90)^[4]

In Vitro: Geldanamycin significantly delays and reduces viperin expression, indicating that IRF3 is involved in viperin induction in

COC1=CC(=C(C=C1)OC(=O)N)C(=O)NCC[C@H](O)[C@@H](OC)C=C[C@H](OC)C1

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