

Product datasheet for **AR03029PU-N**

Hsp90 inhibitor (Radicicol) Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Hsp90 inhibitor (Radicicol) protein, 1 mg
Predicted MW:	364.8
Purity:	>97% 97% by TLC
Buffer:	Presentation State: Purified State: White to light yellow powder, produced by fermentation
Reconstitution Method:	Soluble in DMSO
Preparation:	White to light yellow powder, produced by fermentation
Protein Description:	Formula: C ₁₈ H ₁₇ ClO ₆
Storage:	Store the antibody (in aliquots) at -20 °C. Can be shipped at 2 - 8 °C. Avoid repeated freezing and thawing. Protect from light!
Stability:	Shelf life: One year from despatch.
Summary:	Radicicol inhibits src (IC ₅₀ =0.27μM) and src-like kinases(1), leading to hypophosphorylation of retinoblastoma tumor suppressor protein(2). It causes morphological reversion of ras-transformed cells(3) and leads to selective depletion of Raf kinase(4). It also displays anti-angiogenic activity(5), and binds to and inhibits Hsp 90 molecular chaperone(6). It binds more strongly to Hsp90 than to GRP94. It also binds to yeast HSP90, E. coli HtpG and TRAP-1.



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