

AR03028PU-S**Herbimycin A - Purified**

Quantity:	0.1 mg
Background:	Herbimycin A, a benzoquinoid ansamycin antibiotic, irreversibly and selectively inhibits tyrosine kinases by reacting with thiol groups (1,2). It is effective on Src, Yes, Fps, Ros, Abl and ErbB oncogene products (1-3) and inhibits thrombin-induced tyrosine phosphorylation of phospholipase C (4).
Source:	Synthetic
Format:	State: Lyophilized solid; yellow Purity: >98% 98% Reconstitution: Soluble in DMSO and ethanol (1 mg/ml)
Description:	Formula: C ₃₀ H ₄₂ N ₂ O ₉ Molecular weight: 574.3 574.3
Storage:	Store the antibody (in aliquots) at -20 °C. Can be shipped at 2 - 8 °C. Avoid repeated freezing and thawing. Protect from light! Shelf life: One year from despatch.
Protocols:	1. Uehara Y., and Fukazawa H. (1991) <i>Methods Enzymol.</i> 201: 370. 2. Fukazawa H., et al. (1991) <i>Biochem. Pharmacol.</i> 42: 1661. 3. Satoh T., et al. (1992) <i>J. Biol. Chem.</i> 267: 2537. 4. Weiss R., and Nuccitelli R. (1992) <i>J. Biol. Chem.</i> 267:5608.
Pictures:	Figure 1: Structure of Herbimycin

