OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850
UNITED STATES
Phone: +1-888-267-4436
Fax: +1-301-340-8606
techsupport@origene.com

OriGene Technologies GmbH
Schillerstr. 5
32052 Herford
GERMANY
Phone: +49-5221-34606-0
Fax: +49-5221-34606-11
info-de@origene.com

AR03028PU-N Herbimycin A - Purified

Quantity: 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

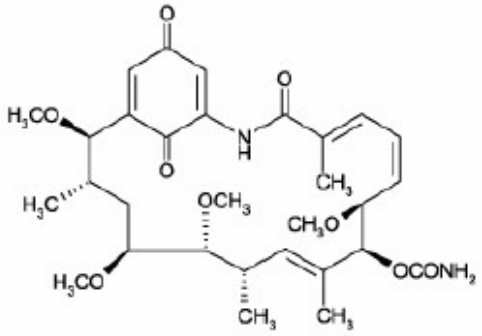
Format: **State:** Lyophilized solid; yellow
Purity: >98% 98%
Reconstitution: Soluble in DMSO and ethanol (1 mg/ml)

Description: Formula: C30H42N2O9
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) Methods Enzymol. 201: 370.
2. Fukazawa H., et al. (1991) Biochem. Pharmacol. 42: 1661.
3. Satoh T., et al.(1992) J.Biol.Chem. 267: 2537.
4. Weiss R., and Nuccitelli R. (1992) J.Biol.Chem. 267:5608.

Pictures: Figure 1: Structure of Herbimycin



For research and in vitro use only. Not for diagnostic or therapeutic work.
Material Safety Datasheets are available at www.acris-antibodies.com or on request.