



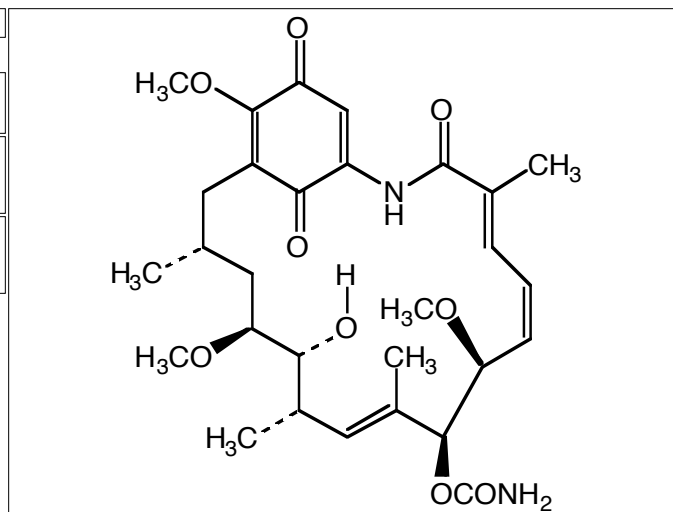
LKT Laboratories, Inc

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 コスモ・バイオ株式会社

Product Information

CAS No.	30562-34-6
Product ID	G1646
Product Name	Geldanamycin
Chemical Name	
Synonym	BRN 1633093
Formula	C ₂₉ H ₄₀ N ₂ O ₉
Formula Wt.	560.64
Melting Point	265°C -268°C
Boiling Point	
Purity	≥97%
Solubility	Soluble in DMSO.
Stability	Protect from light.
Store Temp	-20 deg C
Ship Temp	
Product Description	A benzoquinoid ansamycin antibiotic having antitumor activities. It suppresses DNA replication by inhibiting c-myc gene expression in lymphoblastoma L5178Y cells. It inhibits tyrosine kinases and induces increased p53 protein involved in cell-cycle arrests of human ovarian tumor cells. It inhibits the 90 kDa heat shock protein that regulates cell signal transduction, and telomerase activity, and induces apoptosis.
References	Yamaki H, Iguchi-Arigo SM, Ariga H. <i>J Antibiot</i> (Tokyo). 42:604-10 (1989). McIlwrath AJ, Brunton VG, Brown R. <i>Cancer Chemother Pharmacol.</i> 37:423-8 (1996). Villa R, Folini M, Porta CD <i>et al. Carcinogenesis.</i> 24:851-9 (2003). Kim S, Kang J, Hu W. <i>Int J Cancer.</i> 103:352-9 (2003).



Pricing

100 µg	
5 x 100 µg	
1 mg	

Bulk quantities available upon request

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Caution: This product is intended for laboratory and research use only. It is not for human or drug use.