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DATASHEET

Geldanamycin

Product overview

Name	Geldanamycin
Cat No	HB3311
Biological action	Inhibitor
Purity	>98%
Description	Selective Hsp90 inhibitor. Breast cancer stem cell inhibitor.

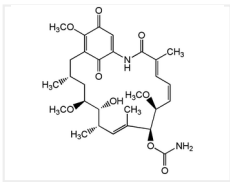
Biological Data

Biological description	Selective Hsp90 inhibitor. Also a pp60src tyrosine kinase inhibitor and potent nuclear hormone receptor family inhibitor. Inhibits c-myc gene expression and inhibits abl, erbB, fps, src and yes transforming activity. Destabilizes several onco- and proto-oncogene products. Inhibits breast cancer stem cells. Shows potent antitumor activity.
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Solubility & Handling

Storage instructions	+4 °C
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Molecular Weight	560.6
Chemical structure	
Molecular Formula	C ₂₉ H ₄₀ N ₂ O ₉
CAS Number	30562-34-6
PubChem identifier	13017912
SMILES	<chem>O=C1C(OC)=C(C[C@@H](C)C[C@H](OC)[C@H](O)[C@@H](C)/C=C(C)/[C@H](OC(N)=O)[C@@H](OC)/C=C/C=C(C)/C2=O)C(C(N2)=C1)=O</chem>
InChiKey	QTQAWLPCGQOSGP-GAEFGYQESA-N
Appearance	Yellow solid