

Product Name	: Geldanamycin
Synonyms	: NSC 122750
Cat No.	: M13974
CAS Number	: 30562-34-6
Molecular Formula	: C ₂₉ H ₄₀ N ₂ O ₉
Formula Weight	: 560.64
Chemical Name	: (4E,6Z,8S,9S,10E,12S,13R,14S,16R)-13-hydroxy-8,14,19-trimethoxy-4,10,12,16-tetramethyl-3,20,22-trioxo-2-azabicyclo[16.3.1]docosa-1(21),4,6,10,18-pentaen-9-yl carbamate
Description	: Geldanamycin is a natural existing HSP90 inhibitor with K _d of 1.2 μM, specifically disrupts glucocorticoid receptor (GR)/HSP association.
Pathway	: Cytoskeleton/Cell Adhesion Molecules
Target	: HSP
Receptor	: HSP90; HSP90; p185
Solubility	: DMSO:50 mg/mL warmed (89.18 mM); Ethanol:<1 mg/mL (<1 mM); Water:<1 mg/mL (<1 mM)
SMILES	: <chem>NC(OC[C@H]1C(C)=C[C@H](C)[C@@H](O)[C@@H](OC)C[C@H](C)CC1=C2OC)[C@@H](OC)C=C(C(C)C)C(NC(C=O)=CC2=O)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Roe SM, et al, J Med Chem, 1999, 42(2), 260-266.

