17-NHS-ALA-GA
GA analogue for coupling of NH2-containing molecules
Catalog # ant-nhgl-1
For research use only
Version # 16D07-MM

PRODUCT INFORMATION

Contents:
1 mg of 17-NHS-ALA-GA is supplied as a purple powder.

Storage and stability:
- 17-NHS-ALA-GA is shipped at room temperature. Store powder at -20°C. Protect from light. Product as powder is stable for 6 months at -20°C when properly stored.
- Once solubilized 17-NHS-ALA-GA should be aliquoted and stored at -20°C. Protect from light. Resuspended product is stable 3 months at -20°C when properly stored.

QUALITY CONTROL
• Purity: ≥95% (UHPLC).

DESCRIPTION
17-NHS-ALA-GA is an NHS (N-hydroxysuccinimide) activated geldanamycin analogue designed for easy coupling of NH2-containing molecules. NHS coupling forms a chemically stable amide bond with ligands containing primary amino groups such as small proteins and peptides. Thus, 17-NHS-ALA-GA can be used for conjugation of geldanamycin to a monoclonal antibody similarly to 17-GMB-APA-GA1.2. It can also be used to perform affinity chromatography to purify GA binding proteins such as Hsp90.


CHEMICAL PROPERTIES

Formula: C_{44}H_{84}N_{4}O_{12}
Molecular weight: 841
Solubility: DMSO (10 mg/ml)
Structure: