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MATERIAL DATA SHEET

17-AAG (HSP90 inhibitor), Synthetic Cat. # I-610

Inhibitor of heat shock protein 90 (HSP90) chaperone activity, and an analog of geldanamycin (Cat. No. **I-605**). Subsequently inhibits the activity of oncogenic proteins such as p185^{erbB-2}, N-ras, Ki-ras and c-Akt.

Product Information $100 \mu g$ **Quantity:** Formula: $C_{31}H_{43}N_3O_8$ **FW:** 585.7 Мe Structure: OMe

Physical/Chemical Characteristics

Solubility: Provided as a 10 mM stock solution in DMSO

>98% by HPLC **Purity:**

Activity: $IC_{50} = 31 \text{ nM}$

Use & Storage

Store stock solution at -20°C. Avoid multiple freeze/thaw cycles. Storage:

Literature

Schnur, R.C., et al. (1995). J.Med.Chem. 38: 3806-3812 **References:**

> Hostein, I., et al. (2001). Cancer Res. 61: 4003-4009 Yang, J., et al. (2001). Cancer Res. 61: 4010-4016

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