

Lot # XXXXX

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## MATERIAL DATA SHEET

### Radicol (HSP90 inhibitor), *Synthetic* Cat. # I-615

Antifungal and antibiotic. Inhibits Heat Shock Protein 90 (HSP90) activity by binding to the ATP-binding pocket, subsequently suppressing cell transformation induced by src, ras and mos. Represses estrogen receptor transcriptional activity and inhibits angiogenesis.

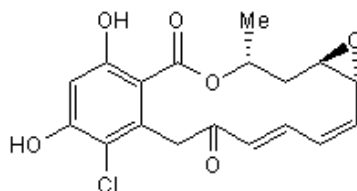
#### Product Information

**Quantity:** 100 µg

**Formula:** C<sub>18</sub>H<sub>17</sub>ClO<sub>6</sub>

**FW:** 364.78

**Structure:**



#### Physical/Chemical Characteristics

**Solubility:** Provided as a 10 mM stock solution in DMSO

**Purity:** > 98% by HPLC

**Activity:** Depending on the cell line, typical IC<sub>50</sub> values in a 72 hour assay are ≤ 1 µM.

#### Use & Storage

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

#### Literature

**References:** Oikawa, T., *et al.* (1993) *Eur.J.Pharmacol.* **241**: 221-227  
Schulte, T.W., *et al.* (1999) *Mol.Endocrinol.* **13**: 1435-1448  
Lee, M.O., *et al.* (2002) *Mol.Cell.Endocrinol.* **188**: 47-54

***For Laboratory Research Use Only, Not For Use in Humans***

Rev: 07/17/13

840 Memorial Drive, Cambridge, MA 02139 Phone: 617-576-2210 FAX: 617-492-3565

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