

Lot # XXXXX

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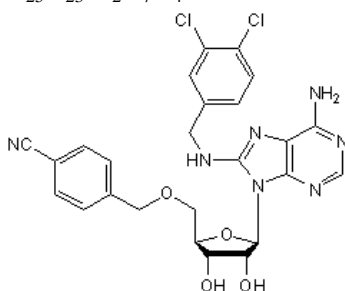
An R&D Systems Company

MATERIAL DATA SHEET

VER 155008 (HSP70 inhibitor), Synthetic
Cat. # I-600

Novel adenosine-derived inhibitor of Heat Shock Protein 70 (HSP70). Inhibits cell proliferation of multiple human tumor cell lines *in vitro*. Also binds to Hsc70 and Grp78.

Product Information

Quantity: 100 µg**Formula:** C₂₅H₂₃Cl₂N₇O₄**FW:** 556.41**Structure:**

Physical/Chemical Characteristics

Solubility: Provided as a 10 mM stock solution in DMSO**Purity:** >98% by HPLC**Activity:** IC₅₀ = 0.5 µM in an *in vitro* assay using HSP70

Use & Storage

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

Literature

References: Massey, A.J., *et al.* (2009) Cancer Chemother.Pharmacol. **66:** 535-545
Williamson, D.S., *et al.* (2009) J.Med.Chem. **52:** 1510-1513
Massey, A.J., *et al.* (2010) J.Med.Chem. **53:** 7280-7286
Macias, A.T., *et al.* (2011) J.Med.Chem. **54:** 4034-4041

For Laboratory Research Use Only, Not For Use in Humans

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