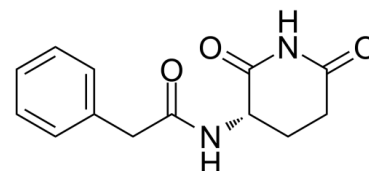


## Data Sheet

<b>Product Name:</b>	Antineoplaston A10
<b>Cat. No.:</b>	CS-0095862
<b>CAS No.:</b>	91531-30-5
<b>Molecular Formula:</b>	C <sub>13</sub> H <sub>14</sub> N <sub>2</sub> O <sub>3</sub>
<b>Molecular Weight:</b>	246.26
<b>Target:</b>	Apoptosis; Endogenous Metabolite; Ras
<b>Pathway:</b>	Apoptosis; GPCR/G Protein; Metabolic Enzyme/Protease
<b>Solubility:</b>	DMSO : 250 mg/mL (1015.19 mM; Need ultrasonic)



### BIOLOGICAL ACTIVITY:

Antineoplaston A10, a naturally occurring substance in human body, is a **Ras** inhibitor potentially for the treatment of glioma, lymphoma, astrocytoma and breast cancer<sup>[1]</sup>. IC<sub>50</sub> & Target: Ras<sup>[1]</sup>.

### References:

[1]. Qu XJ, et al. Induction of apoptosis in human hepatocellular carcinoma cells by synthetic antineoplaston A10. *Anticancer Res.* 2007 Jul-Aug;27(4B):2427-31.

### CAIndexNames:

Benzeneacetamide, N-[(3S)-2,6-dioxo-3-piperidinyl]-

### SMILES:

O=C(N[C@@H](CC1)C(NC1=O)=O)CC2=CC=CC=C2

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA