

**PRODUCT:****DL-Aminoglutethimide****ALTERNATE NAMES:**3-(*p*-Aminophenyl)-3-ethylpiperidine-2,6-dione, Aminophenyl)-3-ethyl-2,6-piperidinedione; NSC-330915

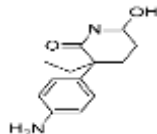
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**RELATED PRODUCTS:**DL-Aminoglutethimide (**B2040**)Exemestane (**9473**)Formestane (**B2041**)**CATALOG NUMBER:**

B2040-100, 500

**AMOUNT:**

100 mg, 500 mg

**STRUCTURE:****MOLECULAR FORMULA:**C<sub>13</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>**MOLECULAR WEIGHT:**

232.28

**CAS NUMBER:**

125-84-8

**APPEARANCE:**

White solid

**SOLUBILITY:**

DMSO (~10 mg/ml)

**PURITY:**

≥98% by HPLC

**STORAGE:**

Store at -20 °C. Protect from air and moisture

**DESCRIPTION:**

DL-Aminoglutethimide is a derivative of the sedative glutethimide. It acts as an aromatase inhibitor (IC<sub>50</sub> = 7.5 μM). Blocks adrenal steroidogenesis by inhibiting the enzymatic conversion of cholesterol to pregnenolone.

**REFERENCES:**

Smith, I.E. and Dowsett, M. (2003). *New England Journal of Medicine* **348**, 2431-2442

**HANDLING:**

Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**USAGE:**

**FOR RESEARCH USE ONLY! Not to be used in humans**