

**DATA SHEET**

**Product Name:** Neuropathiazol

**Catalog #:** N-3015

**Alt:** Ethyl 4-(methyl(2-phenylthiazol-4-yl)amino)benzoate

**Molecular Mass:** 338.4 C<sub>19</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>S

**Analysis:** >98% (HPLC); NMR (Conforms)

**Supplied As:** Off-white powder

**Resuspension:** May be dissolved in DMSO (10 mg/ml)

**Storage:** Store desiccated as supplied at 0-4°C for up to 2 years. Store solutions at -20°C for up to 3 months.

**Description:** Induces neuronal differentiation of multipotent hippocampal neural progenitor cells. It is more potent and selective compared to retinoic acid. Selectively suppresses astrogliogenesis when induced by LIF, BMP2 and FBS. Enhances maturation of NPC-derived neurons.

**References:** 1. Warashina, M., et al., (2006) Angew. Chem. Int. Ed., 45: 591

***For research use only. Not for use in humans.***