

Catalog	Unit
TBI4515-5MG	5 mg
TBI4515-25MG	25 mg

### Product Details

**Formal Name:** 2-[5-(3-Chlorophenyl)-2-furanyl]-4,5-bis(4-methoxyphenyl)-1H-imidazole

**Molecular Formula:** C<sub>27</sub>H<sub>21</sub>ClN<sub>2</sub>O<sub>3</sub>

**Formula Weight:** 456.92

**CAS Number:** 937807-66-4

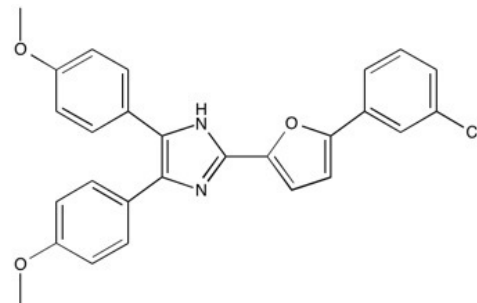
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml).

**Storage:** -20°C

**Stability:** ≥ 1 year.



### Applications

Stem cell neuronal differentiation inducer

### Functions

Neurodazine was able to induce neurogenesis of non-pluripotent myoblasts and cells derived from mature, human skeletal muscle (using 2 μM neurodazine). It was able to upregulate genes involved in neurogenesis (particularly B-cell translocation gene 2) without affecting those involved in myogenesis.

### Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20° for up to 3 months.

**For research use only.**