

## SB-216763, GSK-3 inhibitor

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Catalog	Unit
TBI2338-5MG	5 mg
TBI2338-25MG	25 mg

### Product Details

**Formal Name:** 3-(2,4-Dichlorophenyl)-4-(1-methyl-1H-indol-3-yl)-1H-pyrrole-2,5-dione

**Molecular Formula:** C<sub>19</sub>H<sub>12</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub>

**Formula Weight:** 371.23

**CAS Number:** 280744-09-4

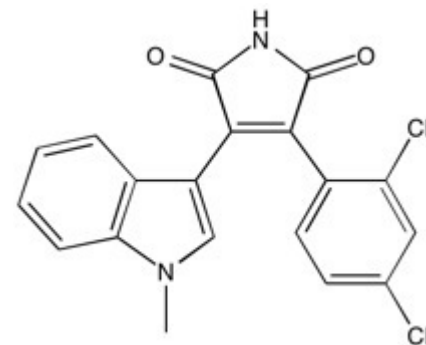
**Purity:** >98%

**Formulation:** powder

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

**Storage:** RT

**Stability:** ≥ 2 years.



### Applications

GSK-3 inhibitor

### Functions

Potent and selective inhibitor of glycogen synthase kinase-1 (GSK-3) IC<sub>50</sub>=34.3 nM. Acts at the ATP-binding domain. Displays protective effects in lung fibrosis mouse model. Displays neuroprotective effects on cultured neurons. Maintains mouse embryonic stem cells in a pluripotent state. Cell permeable.

### Application Procedures

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

**For research use only.**