

## MCI-186 (Edaravone), Antioxidant-nonphenolic

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Catalog	Unit
TBI2295-50MG	50 mg
TBI2295-1G	1 g

### Product Details

**Formal Name:** 3-Methyl-1-phenyl-2-pyrazolin-5-one

**Alternate Names:** Edaravone

**Molecular Formula:** C<sub>10</sub>H<sub>10</sub>N<sub>2</sub>O

**Formula Weight:** 174.20

**CAS Number:** 89-25-8

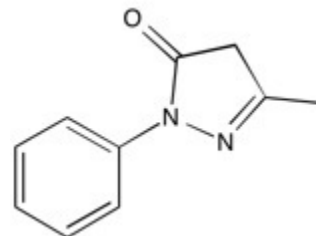
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 20 mg/ml).

**Storage:** RT

**Stability:** ≥ 2 years.



### Applications

Antioxidant-nonphenolic

### Functions

MCI-186 is an antioxidant free radical scavenger used as a neuroprotective agent following acute brain ischemia and subsequent cerebral infarction. It also protects against MPTP-induced neurotoxicity in the Substantia Nigra.

### Application Procedures

First dissolved in DMSO (up to 20 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.**