

## Mdivi, Mitochondrial division inhibitor

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Catalog	Unit
TBI1179-5MG	5 mg
TBI1179-25MG	25 mg

### Product Details

**Formal Name:** 3-(2,4-Dichloro-5-methoxyphenyl)-2-sulfanyl-4(3H)-quinazolinone

**Alternate Names:** Mdivi-1

**Molecular Formula:** C<sub>15</sub>H<sub>10</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S

**Formula Weight:** 353.23

**CAS Number:** 338967-87-6

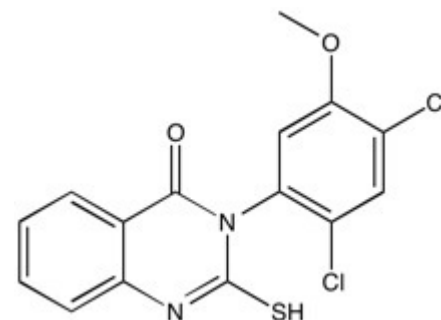
**Purity:** >98%

**Formulation:** powder

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

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

Mitochondrial division inhibitor

### Functions

Selective inhibitor of Dnm1 GTPase (IC<sub>50</sub>=1-10 μM). Inhibits mitochondrial outer membrane permeabilization. Inhibits mitochondrial division and apoptosis. 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°C for up to 3 months.

**For research use only.**