

Catalog	Unit
TBI1193-5MG	5 mg
TBI1193-25MG	25 mg

### Product Details

**Formal Name:** 4-[3,5-Diphenyl-4,5-dihydropyrazol-1-yl]benzenesulfonamide

**Molecular Formula:** C<sub>21</sub>H<sub>19</sub>N<sub>3</sub>O<sub>2</sub>S

**Formula Weight:** 377.47

**CAS Number:** 10179-57-4

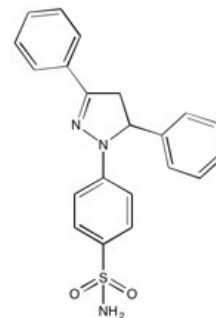
**Purity:** >98%

**Formulation:** powder

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

**Storage:** RT

**Stability:** ≥ 2 years.



### Applications

Cdc42 inhibitor

### Functions

MLS-573151 is a potent and specific inhibitor of Cdc42 a small GTPase of the Rho-subfamily (IC<sub>50</sub>=2 μM). A useful agent for probing the involvement of Cdc42 in cellular signaling and physiology.

### Application Procedures

First dissolved in DMSO (up to 20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

**For research use only.**