

## MLS-532223, Rho family GTPase inhibitor

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Catalog	Unit
TBI1305-5MG	5 mg
TBI1305-25MG	25 mg

**Product Details**

**Formal Name:** 1-(3-Nitrophenyl)-3-phenyl-2-propyn-1-one

**Molecular Formula:** C<sub>15</sub>H<sub>9</sub>NO<sub>3</sub>

**Formula Weight:** 251.24

**CAS Number:** 16616-39-0

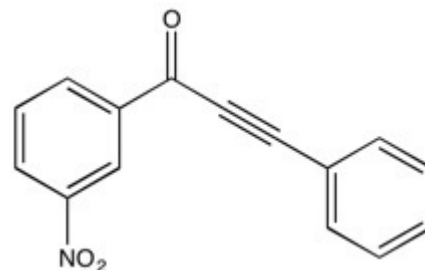
**Purity:** >98%

**Formulation:** powder

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

**Storage:** RT

**Stability:** ≥ 2 years.

**Applications**

Rho family GTPase inhibitor

**Functions**

MLS-532223 is a high-affinity selective inhibitor of Rho family GTPases (EC<sub>50</sub>=10 μM). It inhibits EGF-stimulated Rac1 activation (3-10 μM). Cell permeable.

**Application Procedures**

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

**For research use only.**