

## TRIM, Nitric oxide synthase inhibitor

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Catalog	Unit
TBI2699-50MG	50 mg
TBI2699-250MG	250 mg

### Product Details

**Formal Name:** 1-(2-Trifluoromethylphenyl)imidazole

**Molecular Formula:** C<sub>10</sub>H<sub>7</sub>F<sub>3</sub>N<sub>2</sub>

**Formula Weight:** 212.18

**CAS Number:** 25371-96-4

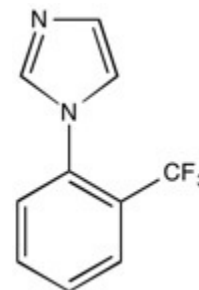
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 10 mg/ml) or in Ethanol (up to 20 mg/ml).

**Storage:** RT

**Stability:** ≥ 2 years.



### Applications

Nitric oxide synthase inhibitor

### Functions

A potent inhibitor of neuronal and inducible nitric oxide synthases, (IC<sub>50</sub> = 28.2 and 27.0 μM respectively). Inhibits endothelial NOS with lower potency (IC<sub>50</sub> = 1057.5 μM). Displays antinociceptive activity in vivo.

### Application Procedures

First dissolved in DMSO (up to 10 mg/ml) or in Ethanol (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.**