

## VAS-2870, Nox inhibitor

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Catalog	Unit
TBI1073-5MG	5 mg
TBI1073-25MG	25 mg

**Product Details**

**Formal Name:** 3-Benyl-7-(2-benzoxazolyl)thio-1,2,3-triazolo(4,5-d)pyrimidine

**Molecular Formula:** C<sub>18</sub>H<sub>12</sub>N<sub>6</sub>OS

**Formula Weight:** 360.40

**CAS Number:** 722456-31-7

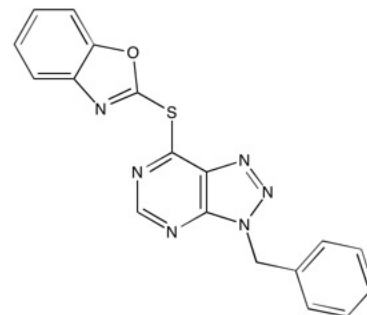
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 10 mg/ml) or in DMF (up to 25 mg/ml).

**Storage:** RT

**Stability:** ≥ 2 years.

**Applications**

Nox inhibitor

**Functions**

NAD(P)H oxidase (Nox) inhibitor. Abolishes PDGF-mediated Nox activation and ROS production (100% at 10 μM). Inhibits PMA-induced oxidative burst in HL-60 cells (IC<sub>50</sub>=2 μM). Enhances TGF-β-induced apoptosis in liver tumor cells.

**Application Procedures**

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