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Catalog	Unit
TBI1390-5MG	5 mg
TBI1390-25MG	25 mg

### Product Details

**Formal Name:** N-[6-(4-chlorophenoxy)hexyl]-N'-cyano-N''-4-pyridinyl-guanidine

**Alternate Names:** GMX-1778

**Molecular Formula:** C<sub>19</sub>H<sub>22</sub>ClN<sub>5</sub>O

**Formula Weight:** 371.86

**CAS Number:** 200484-11-3

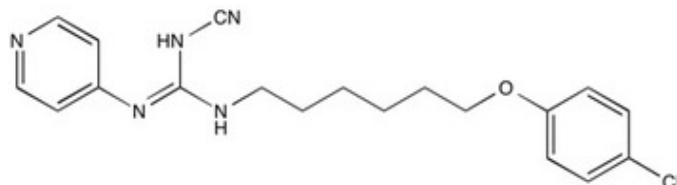
**Purity:** >98%

**Formulation:** powder

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

**Storage:** -20°C

**Stability:** ≥ 1 year.



### Applications

NAMPT inhibitor

### Functions

A potent and selective inhibitor of nicotinamide phosphoribosyltransferase (NAMPT), the rate-limiting enzyme in the biosynthesis of NAD, which may be used to deplete cells of NAD. Displays potent cytotoxic effects in tumor cells. Displays antitumor activity in vivo. Increases ROS levels in cancer cells but not in normal cells.

### 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.**