

Catalog	Unit
TBI1311- 1MG	1 mg
TBI1311- 5MG	5 mg

### Product Details

**Formal Name:** ((1S,2S,4R)-4-(4-(((S)-2,3-Dihydro-1H-inden-1-yl)amino)-7H-pyrrolo[2,3-d]pyrimidin-7-yl)-2-hydroxycyclopentyl)methyl sulfamate

**Alternate Names:** Pevonedistat

**Molecular Formula:** C<sub>21</sub>H<sub>25</sub>N<sub>5</sub>O<sub>4</sub>S

**Formula Weight:** 443.53

**CAS Number:** 905579-51-3

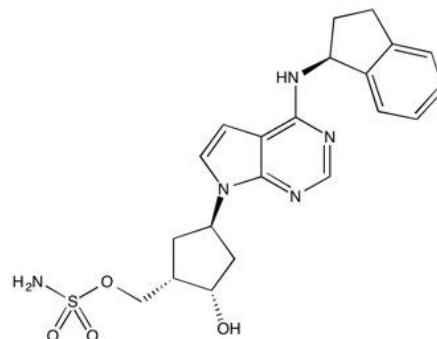
**Purity:** 98%

**Formulation:** Lyophilized Powder

**Solubility:** Soluble in DMSO (up to 10 mg/ml)

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

Nedd8 activating enzyme inhibitor

### Functions

MLN4924 (905579-51-3) is a potent and selective NEDD8-activating enzyme (NAE) inhibitor. It disrupts cullin-RING ligase-mediated protein turnover leading to apoptosis in human tumor cells. Suppresses the growth of human tumor xenografts in mice. Upregulates PD-L1 expression and enhances the efficacy of immune checkpoint blockade in glioblastoma. Modulates tumor microenvironment. Cell permeable.

### Application Procedures

First dissolved in DMSO (10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

### Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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