

**DATA SHEET**

**Product Name:** MLN-4924

**Catalog #:** CV-1006

**Alt:** CAS # 905579-51-3; ((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; Pevonedistat

**Molecular Mass:** 443.2

**Analysis:** >98% (TLC); NMR (conforms)

**Supplied As:** Lyophilized, white powder

**Resuspension:** May be dissolved in DMSO (10 mg/ml)

**Storage:** Store desiccated as supplied at -20°C for up to 2 years. Store solutions at -20°C for up to 3 months.

**Description:** Potent and selective NEDD8-activating enzyme (NAE) inhibitor<sup>1</sup>. It disrupts cullin-RING ligase-mediated protein turnover leading to apoptosis in human tumor cells. Suppresses the growth of human tumor xenografts in mice<sup>2</sup>. Upregulates PD-L1 expression and enhances the efficacy of immune checkpoint blockade in glioblastoma<sup>3</sup>. Modulates tumor microenvironment<sup>4</sup>. Cell permeable.

**References:**

1. Soucy, T.A., et al., (2009) Nature, 458 : 732
2. Milhollen, M.A., et al., (2010) Blood, 116 : 1515
3. Zhou, S., et al., (2019) Int. J. Cancer, 145 : 763
4. Zhou, L., et al., (2019) Mol. Cancer, 18 : 77

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