

**Product Name** : PD1-PDL1 inhibitor 1

**Synonyms** : PD-1/PD-L1 inhibitor 1

**Cat No.** : M12558

**CAS Number** : 1675201-83-8

**Molecular Formula** : C<sub>29</sub>H<sub>33</sub>NO<sub>5</sub>

**Formula Weight** : 475.58

**Chemical Name** : 2-Piperidinecarboxylic acid, 1-[[[2,6-dimethoxy-4-[(2-methyl[1,1'-biphenyl]-3-yl)methoxy]phenyl]methyl]-, (2S)-

**Description** : PD1-PDL1 inhibitor 1 (CAS 1675201-83-8) is a potent PD-1/PD-L1 interaction inhibitor with IC<sub>50</sub> of 6-100 nM in a homogenous time-resolved fluorescence binding assay.

**Pathway** : Immunology/Inflammation

**Target** : PD-1/PD-L1

**Receptor** : PD-1/PD-L1

**Solubility** : DMSO: ≥ 29 mg/mL

**SMILES** : O=C([C@H]1N(CC2=C(OC)C=C(OCC3=CC=CC(C4=CC=CC=C4)=C3C)C=C2OC)CCCC1)O

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :

1. Chupak, L.S., and Zheng, X. Compounds useful as immunomodulators. PCT/US2014/053695, (2015).

