**Product datasheet**

**BMS202 (PD-1/PD-L1 inhibitor 2), small-molecule inhibitor ab231311**

**Overview**

**Product name**  
BMS202 (PD-1/PD-L1 inhibitor 2), small-molecule inhibitor

**Description**  
A small-molecule PD-1/PD-L1 interaction inhibitor

**Biological description**  
PD-1/PD-L1 inhibitor 2 is a small-molecule PD-1/PD-L1 interaction inhibitor with an IC\textsubscript{50} of 18 nM. Biophysical studies demonstrate that BMS202 binds directly to PD-L1. Binding of BMS202 promotes PD-L1 dimerisation and blocks the PD-L1/PD1 interaction.

**Purity**  
> 98%

**CAS Number**  
1675203-84-5

**Chemical structure**

![Chemical structure image]

**Properties**

**Chemical name**  
\(N\)-[2-[[2-Methoxy-6-[[2-methyl-3-phenylphenyl]methoxy]pyridin-3-yl]methylamino]ethyl]acetamide

**Molecular weight**  
419.53

**Molecular formula**  
\(C_{25}H_{29}N_{3}O_{3}\)

**PubChem identifier**  
117951478

**Storage instructions**  
Shipped at 4°C. Store at -20°C.

**Solubility overview**  
83 mg/mL (197.84 mM) in DMSO.

**SMILES**  
CC1=C(C=C=CC1OC2=N(C(C=C2)CNCCNC(=O)OC)C3=CC=CC3

**Source**  
Synthetic

**Images**

1 Image
2D chemical structure image of ab231311, BMS202 (PD-1/PD-L1 inhibitor 2), small-molecule inhibitor

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