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**Product Data Sheet**

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Product Name: BMS-1001

Cat. No.: GC25160

**Chemical Properties**

Cas. No. 2113650-03-4

Formula C<sub>35</sub>H<sub>34</sub>N<sub>2</sub>O<sub>7</sub>

M.Wt 594.65

Solubility DMSO: 50 mg/mL (84.08 mM);Water: Insoluble;Ethanol: Insoluble  
Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

BMS-1001 is a potent inhibitor of PD-1/PD-L1 interaction with EC<sub>50</sub> of 253 nM. BMS-1001 alleviates the inhibitory effect of the soluble PD-L1 on the T-cell receptor-mediated activation of T-lymphocytes.

BMS-1001 alleviates the inhibitory effect of the soluble PD-L1 on the T-cell receptor-mediated activation of T-lymphocytes. BMS-1001 is effective in attenuating the inhibitory effect of the cell surface-associated PD-L1.[1]

[1] Lukasz Skalniak, et al. Oncotarget. 2017 Aug 7;8(42):72167-72181.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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