

PD-1/PD-L1 Inhibitor C1

产品编号: D50968

CAS: 1675201-83-8

分子式: C₂₉H₃₃NO₅

纯度: ≥98%

InChi: InChI=1S/C₂₉H₃₃NO₅/c1-20-22(12-9-13-24(20)21-10-5-4-6-11-21)19-35-23-16-27(33-2)25(28(17-23)34-3)18-30-15-8-7-14-26(30)29(31)32/h4-6,9-13,16-17,26H,7-8,14-15,18-19H₂,1-3H₃, (H, 31,32)/t26-/m0/s1

InChi Key: ZBOYJODMIAUJHH-SANMLTNESA-N

Smiles: CC1C(COC2=CC(OC)=C(CN3CCCC[C@H]3C(O)=O)C(=C2)OC)=CC=CC=1C1C=CC=CC=1

外观: 固体粉末

作用通路: Apoptosis

溶解性: DMSO up to 100 mM; Water up to 100 mM

保存条件: Store in dry, dark place for one year.

产品介绍: PD-1/PD-L1 inhibitor C1 is a potent and selective small molecule inhibitor of the PD-1/PD-L1 protein/protein interactions with IC₅₀ < 100 nM (PD-1/PD-L1 Homogenous Time-Resolved Fluorescence (HTRF) binding assay). It may potentially be useful in the treatment of cancer as well as infectious diseases such as hepatitis C. The programmed death-1/programmed death-ligand 1 (PD-1/PD-L1) interaction plays a dominant role in the suppression of T cell responses, especially in a tumor microenvironment, protecting tumor cells from lysis.

PRODUCT SPECIFIC PUBLICATIONS

[IF=14.3] Woo Hyun Kim. et al. Rapid and Differential Diagnosis of Sepsis Stages Using an Advanced 3D Plasmonic Bimetallic Alloy Nanoarchitecture-Based SERS Biosensor Combined with Machine Learning for Multiple Analyte Identification. advanced science. 2025 Feb 17; e2414688. ELISA ; Human . 39960361